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Modern Machine Knitting

APRIL 1990

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in our classified
section

FREE COMPETITION

Win Knitmaster's brand new Chunky Electronic knitting machine.

KNIT YOUR STAR SIGN

See inside for a beautiful design especially for Aries.

CHARTING DEVICES

A step by step guide to using a charting device

PLUS all our special knitting hints, tips and ideas

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THE POWER TO CHOOSE

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If you have any problems locating your local Knitmaster stockist, please write to Knitmaster Ltd, 39-45 Cowleaze Rd, Kingston-upon-Thames, Surrey.

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- 18 Beautiful designs for men, women, children and babies.
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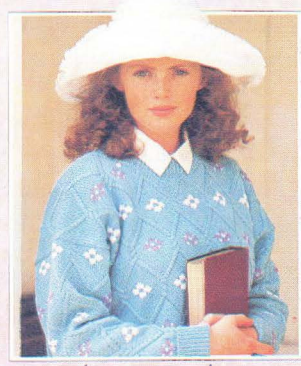
- New fabric designs and techniques especially for Knitmaster's revolutionary new Option 4 knitting machine.
- The Option 4 Pattern Book is available from your Knitmaster stockist now.

OPTION 4



. . . the power to choose

KNITMASTER

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FROM THE EDITOR

Hasn't chunky knitting come a long way in recent years? It seems hardly any time at all since the first chunky machine was introduced and now, here we are with the ultimate in sophisticated chunky knitting — Knitmaster's brand new Chunky Electronic SK890. And, you could be one of the very first lucky machine knitters to own one, simply by entering our exclusive competition on page 8. If you read carefully through the detailed information we give about this marvellous new machine, you'll find all the answers to the competition questions. Then, all you have to do is come up with a clever, witty or amusing tie-breaker. See how easy it is! Have a go because you could easily be the lucky winner of this sensational new Chunky Electronic.

If you entered our last competition in the January issue of Modern Machine Knitting, read on to see if you're the lucky winner of Knitmaster's wonderful top-of-the-range punchcard knitting machine — the 700K.

Till next month . . .

Laraine

COMPETITION RESULT

In our January issue we gave you the chance to win Knitmaster's top-of-the-range punchcard knitting machine — the 700K. With its exclusive Knitmaster Masterglide action, machine knitting is smoother, quieter and easier than you ever thought possible.

From the hundreds of correct entries we received, we chose the entry from Pamela Vale of Hardwick, Nr Gloucester because we thought her tie-breaker slogan summed up the joy of Knitmaster's 700K. Pamela wrote:-

I would love to win the very best in punchcard knitting because . . .

"Lots of knitting can be done,
With half the noise
And twice the fun."

Congratulations Pamela. Your Knitmaster 700K will be with you shortly.

Editor Laraine McCarthy.

Patterns Debbie Clarkson.

Fashion Sarah Pooley.

Knitting Clubs Stella Baines.

Additional Features Rosalie Davis, Jo Newton, Rosa Postance, Debbie Townsend for Knitmaster.

Photography Liz McAulay.

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Sampler No. 1 contains excerpts from: Start Knitting with Kamalini, Holding Position & Partial Knitting, Garter Bar & Waste Knitting and Knit Steam & Cut.
Sampler No. 2 contains excerpts from: Each of the three vols in the Brother Ribber Series and Knit Steam & Cut.

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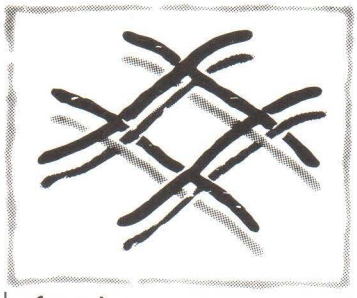

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KNITLINE

New from Hague

Hague Linking Machines have brought out a new updated version of the popular D10 and D10E domestic linkers.

The new models are the D280H hand-operated and D280E electric.

The new smart design incorporates several modifications and a colour change to light and dark grey. A new point ring measure and point guard are fitted as standard and also included is the linking book by Diane Bennett.

The new Hague linking machines are available from your local Hague stockist. If you would like to know where your local stockest is, write to:

Hague Linking Machines
Mile End Road
Colwick
Nottingham NG4 2DW
Please enclose a SAE

New Power-knit 90

BSK have just launched a New Power-knit Motor drive unit, the model 90. This new unit will now drive all standard and chunky machines from Knitmaster, Brother or Toyota. This new motor can easily be changed from one make to another or from standard gauge to chunky simply by changing the mounting brackets which are supplied. The new unit is available with a sturdy steel table, a countdown to program the number of rows knitted, and a 'yarn stop motion' for up to 4 colours which stops the motor in the event of the yarn breaking or running out. A foot control is part of the standard equipment.

BSK believe that this new Power-knit model will be a great success with knitters who own 2 or more machines and can now buy a motor to power them all.

A free colour brochure is now available from:

BSK Ltd
Murdock Road
Bedford MK41 7LE
Tel: (0234) 217096

Punchcard Correction Tape

'Punchcard Correction Tape' is a handy roll of tape which is cut to the correct width for covering up wrongly punched holes on your punchcards. Such a simple idea but one which saves all the fiddling about with bits of sellotape which have to be cut down to the right size! Punchcard Correction Tape is available for £1.50 inc p&p direct from:

Acorn Knitwear, Dept MMK
Grenville House
84 Merritt Road
Greatstone
New Romney
Kent TN28 8AZ
Tel: 0679 63761
Trade enquiries welcome.

The Knitwear Book

A new publication from Knitmaster, 'The Knitwear Book', features an attractive collection of ladies' machine-knit designs, suitable for beginners and experts alike:

- 17 simply stunning designs including suits, skirts, sweaters and tops.
- Knitted in the versatile Knitmaster Bouclé and Aneto 2ply yarn.
- 'Knits' for all the year round including summer holiday fashions.
- The Knitwear Book includes 'Easy Machine Knits' as well as more sophistocated machine techniques for the more experienced knitter.
- The designs come in a size range of 32"-42" bust.

The Knitwear Book . . . another winning collection of exclusive designs from the Knitmaster Studio is available from your local Knitmaster stockist now.

If you'd like to know where your local Knitmaster stockist is, write to:

Knitmaster Ltd
39-45 Cowleaze Rd
Kingston-upon-Thames
Surrey KT2 6DT
Please enclose a SAE

Electronic Programmes and Patterns

Knitmaster have added to the selection of programmes and patterns available for their range of Electronic machines.

Suitable for the Knitmaster Chunky SK890 and SK580 Design-Master Electronic machines, with the PE1 Design Controller:'

— 3 pre-programmed memory cards, filled with a selection of fair isle, tuck, slip, weaving and lace designs, to satisfy the keenest of knitters.

— Pattern book PB 580, featuring all of the design incorporated into the pre-programmed memory cards.

— Blank memory cards, to store your own designs.

Suitable for all Knitmaster Electronic machines:

— Pattern book PB 550

— Electronic lace pattern library No 5

— Pattern library No 3 for electronics

— Blank design cards, to create your own individual designs

— Pattern book PB 580 — selected designs up to 60 stitches wide can be used by owners of any Knitmaster Electronic machine.

All of these programmes and patterns for Knitmaster Electronics are available from your Knitmaster stockist.

New for Knitmaster ribbers

Knitmaster's RJ1 Rib Carriage is a revolutionary new ribber carriage which has been introduced to add a whole new dimension to Double and Multi-coloured Jacquard knitting. With its built-in 1 × 1 Bird's Eye Needle Selection Mechanism, the RJ1 will delight owners of the Knitmaster SRP 50, SRP 60, SRP 60N Ribbers with the quality of knitting which can be produced.

The RJ1 enables every alternate needle to knit slip-stitch resulting in:

— a clearer, more distinct pattern

— an accurate size-reproduction of the original design

— no 'show-through' of the second colour

— a professional 1 × 1 Bird's Eye design on the reverse of the fabric.

Plus, with the RJ1 many other rib stitches can be knitted:
Double Rib, K1 P1 Rib, K2 P2 Rib, Wide Rib, English Rib, Herringbone Swing, Tubular Knitting, Pin Tuck, Tuck Rib, Drive Lace and Pile Knitting.

The revolutionary new RJ1 Rib Carriage will be at your local Knitmaster stockist in April, so make a date to see it then.

The Summer University

Courses being held this summer at the Summer University in Loughborough include:

Learn to Spin: 29 July-4 August. Tutor: Bea Poulter.

Machine Knitting Workshop: 5-11 August. Tutor: Bea Poulter.

Full residential accommodation is available. For more information and complete course brochure, telephone

Margaret Gill
(0509) 222153/222162
(24-hour answering)

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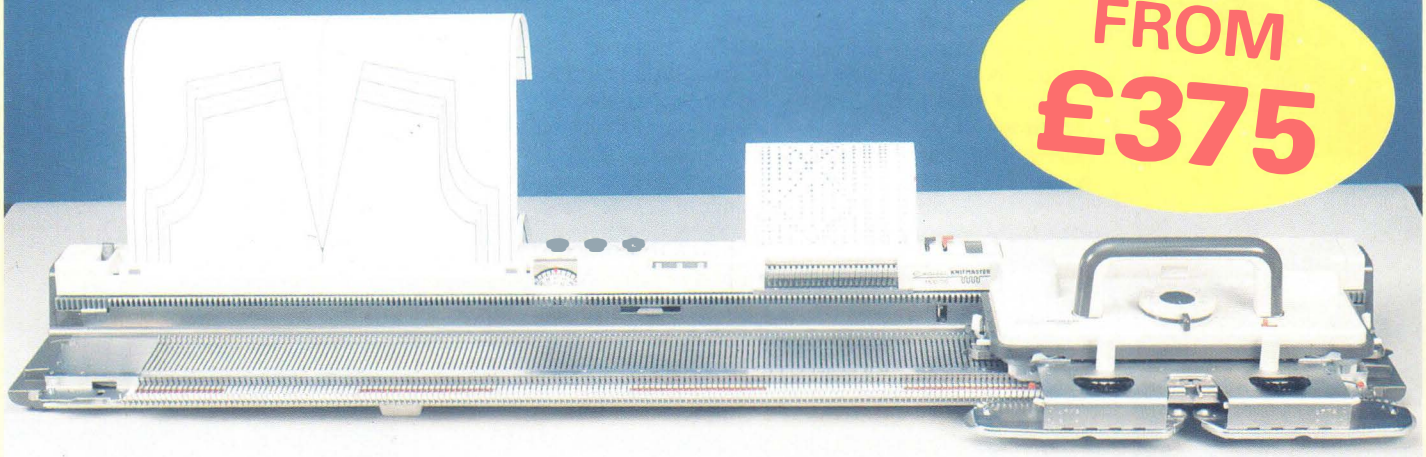

Wonderful Knitwear starts with wonderful machines and Knitmaster's 700K, top-of-the-range standard gauge punchcard machine is a truly wonderful machine.

Knitmaster's 700K The Very Best in Punchcard Knitting

Knitmaster's 700K is a top specification standard gauge punchcard machine. It has the exclusive Knitmaster Masterglide action which makes knitting smoother, quieter and easier than you ever though possible.

Its 24 stitch punchcard system transfers the pattern through the unique Knitmaster memory drums on the carriage, directly to the needles (no noisy timing belt with this machine).

Everything you need

Knitmaster's 700K has 200 needles and comes with its own carry case, a fully equipped built in tool box, row counter, 20 punchcards and a fully comprehensive instruction manual —ideally suited for beginners and experts alike.

With Knitmaster's 700K, you can knit 2ply, 3ply and 4ply plain or fancy yarns in a whole range of stitches — including intarsia, since this top-of-the-range Knitmaster includes intarsia as standard.

Knitmaster's 700K includes many other extras as standard. The intergral KR7 Knitradar system allows you to knit from half-scale or full scale charting device patterns while the "yarn cutter" is an absolute boon.

Easy to use

With Knitmaster's 700K, the cast on is automatic while the Carriage Release Lever will automatically get you out of any jam. And because the 700 patterns with its needles in lower working position, you need never worry about damaging exposed needles or getting caught up in them yourself. With the one touch stitch selector you can produce all these stitches.

- Stocking Stitch.
- Fair Isle.
- Tuck Stitch.
- Slip Stitch.
- Tuck Lace.
- Plating.
- Weaving.
- Intarsia.
- Punch Lace.
- Single Motif.

700K Accessories

The following Knitmaster accessories are suitable for use with the 700K.

- SRP50, SRP60 and SRP60N Ribbers.
- LC2 Lace Carriage.
- AW1 Automatic Weaving Arm.
- YC-6 Single & Double Bed Colour Changer.
- RT1 Rib Transfer Carriage.
- SC3 Automatic Linker.
- 700K Tuition Cassette.

LC2 Lace Carriage

With Knitmaster's famous single-action Lace Carriage, you can knit the following stitches quickly and easily.

- Stocking Stitch.
- True Lace.
- Fashion Lace.
- Single Motif Lace.

This wonderful top-of-the-range Knitmaster 700K standard gauge punchcard knitting machine is on view at your Knitmaster stockist now. Ask your stockist for a demonstration today.

KNITMASTER

WHERE TO BUY YOUR KNITMASTER 700K

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33 The Arcade, Broadmead, Bristol.
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KNITMASTER

FREE COMPETITION
WIN
THE SUPERB NEW ELECTRONIC CHUNKY SK890
THE VERY LATEST IN MACHINE KNITTING TECHNOLOGY

Enter this month's competition and you could be the lucky owner of the very latest in machine knitting technology — the superb new Electronic Chunky SK890.

How to Enter

To win this sensational prize, simply answer the questions (you'll find the answers on these pages). Complete the tie-breaker and send your completed entry form to reach us no later that April 10th. Good luck!

Rules

1. This competition is open to everyone except Knitmaster and Modern Knitting employees and their relatives.
2. No entries will be accepted after April 10th, 1990.
3. No entry will be accepted unless it is on the official entry form below.
4. The decision of the judges is final and no correspondence will be entered into regarding the prize winners.
5. No cash alternative will be offered.
6. The result of this competition will be published in the July issue of Modern Machine Knitting.

ENTRY FORM

Answer the following questions.

1. How large can one single pattern repeat be (without using the pattern variation buttons) when using Knitmaster's Chunky Electronic SK890?

   _____ stitches and _____ rows.

2. How large can one single pattern repeat be (without using the pattern variation buttons) when using Knitmaster's Chunky Electronic SK890 *PLUS* the PE1 Design Controller?

   _____ stitches and _____ rows.

3. How many of the single bed pattern variations can be used with the ribber?

   _____

Now complete the following sentence in not more than 15 words.
I would love to win Knitmaster's Chunky Electronic SK890 because

_____

_____

_____

Name _____

Address _____

_____

(block capitals)

Send your completed entry form to reach us no later than April 10th, 1990 to Modern Knitting Ltd., P.O. Box 175, Kingston-upon-Thames, Surrey. KT2 6HA.

NOW YOU CAN KNIT A SINGLE PATTERN REPEAT ACROSS THE FULL WIDTH OF YOUR CHUNKY MACHINE

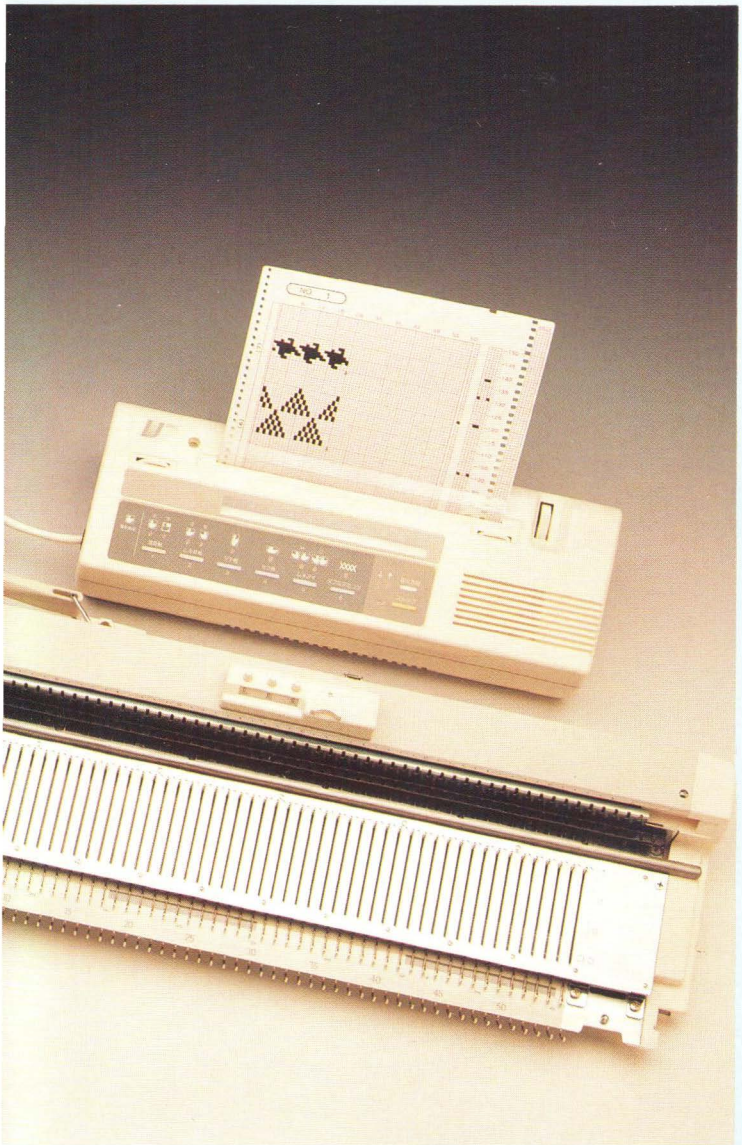
Back in the early 70's, Knitmaster brought us the very first revolution in modern machine knitting — the punchcard knitting machine. As technology progressed, Knitmaster led the way again with the next important breakthrough by bringing us the very first electronic knitting machine. Now, Knitmaster are first again with the latest revolution in machine knitting — the Chunky Electronic SK890.

In recent years Knitmaster has recognised the importance and popularity of chunky knitting and has serviced this need with a comprehensive range of chunky machines — from a basic, economically priced Chunky through to the sophistication of the 155 punchcard Chunky. Now, Knitmaster's SK890 Chunky electronic completes the range and so acknowledges the importance of chunky machine knitting.

EASY TO USE

Knitmaster's Chunky Electronic SK890 is not only the most sophisticated and advanced chunky knitting machine to date, but is possibly the most easily operated knitting machine you'll ever use.

- Select your chosen stitch pattern at the flick of a lever — stocking stitch, tuck stitch, slip stitch, Fair Isle, punch lace, weaving, single motif, tuck lace and multi-coloured slip stitch and tuck stitch.
- Vary the pattern at the touch of a button — reverse the colours, change the direction, double the length, double the width, mirror the pattern, double the size. And with the unique SK890, all of these variations can be used for single bed or double bed knitting.



- Create Double Jacquard patterns from single bed designs at the touch of a button — the unique SK890 will even automatically set up your first row so you don't have to worry about working it out for yourself.
- Draw or trace your chosen stitch pattern, motif or picture as freely as you like. No need to carefully fill in squares — the SK890 scans your designs in 4 different directions to automatically analyse how to knit each stitch.
- Change your mind in the middle of a row — the unique SK890 allows you to stop in the middle of a row and start again without having to reset the card or check which row you should be knitting.
- See at a glance the settings on your machine, and change them just as easily. No need for complicated computer programming.

AUTOMATIC CHUNKY KNITTING

Knitmaster's Chunky Electronic SK890 is a top specification, 9mm chunky gauge, electronic knitting machine.

- Its carriage has the full Knitmaster masterglide action, including masterglide bearings, for smoother easier knitting.
- With Knitmaster's SK890, the cast on is automatic while the Carriage Release Lever will automatically get you out of any jam.
- Because the SK890 patterns with its needles in lower working position at all times, you need never worry about damaging exposed needles or getting caught up in them yourself.
- The SK890 comes complete with the EC1 Electronic Pattern Panel and set of pre printed design cards, a fully equipped tool box, row counter, carrycase and a fully comprehensive instruction manual.

SO VERSATILE

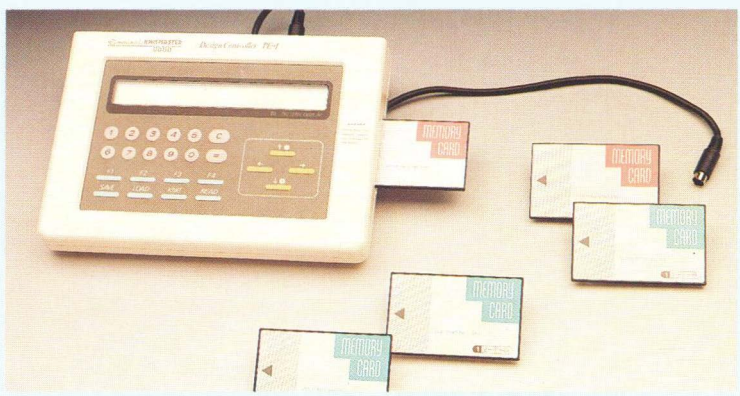
Knitmaster's Chunky Electronic SK890 is versatile enough to meet almost any knitting need.

- Knit any stitch pattern you choose, quickly and easily.
- Change from single motif to all over patterning, or anything in between, simply by sliding the edge cams.
- Knitmaster's Chunky Electronic SK890 has 110 big needles — perfectly designed for knitting a whole range of chunky yarns — plain, brushed, textured, cotton etc as well as mohair, chenille and Aran.
- **New Knitmaster Electronic Feature.** The two pattern width dials allow you to select *any* section of the pattern, quickly and easily. Choose from a 2 stitch pattern repeat up to a 60 stitch pattern repeat.
- Use any existing punchcard or electronic design — chunky, fine gauge or standard gauge. Draw them onto the SK890's design card or even make up your own designs. Mistakes are easy to rub out so it's easy with the SK890.

110 STITCH SINGLE MOTIF!!

The first of a whole range of machine knitting innovations is here and is exclusive to Knitmaster's Chunky SK890 and DesignMaster standard gauge electronics.

The PE1 Design Controller, a simple plug-in box which is wonderfully easy to use. However, this easy to use box is, in fact, an extremely complex and sophisticated Design Unit. Plug it into your SK890 and you can produce a single pattern which is 110 stitches wide by 2,000 rows long — or smaller, of course, if you like — which means you can create an entire pictorial scene across the width of your machine, design large, intricate geometric designs, write entire messages across your knitting or perhaps just create some of the less ambitious designs which have, up till now, been beyond the scope of your knitting machine.



The liquid crystal visual display system shows you the card in work gives you clear and concise instructions whenever necessary, just to make things easier for you.

And, as if that isn't versatile enough, the Design Controller will also store standard patterns or your own patterns — they'll work faster for you than any other electronic system, no need to wait for the card to rewind. Store as many designs as you like on blank memory cards or choose from the pre-programmed memory cards which will offer you a whole selection of new designs to knit on your SK890.

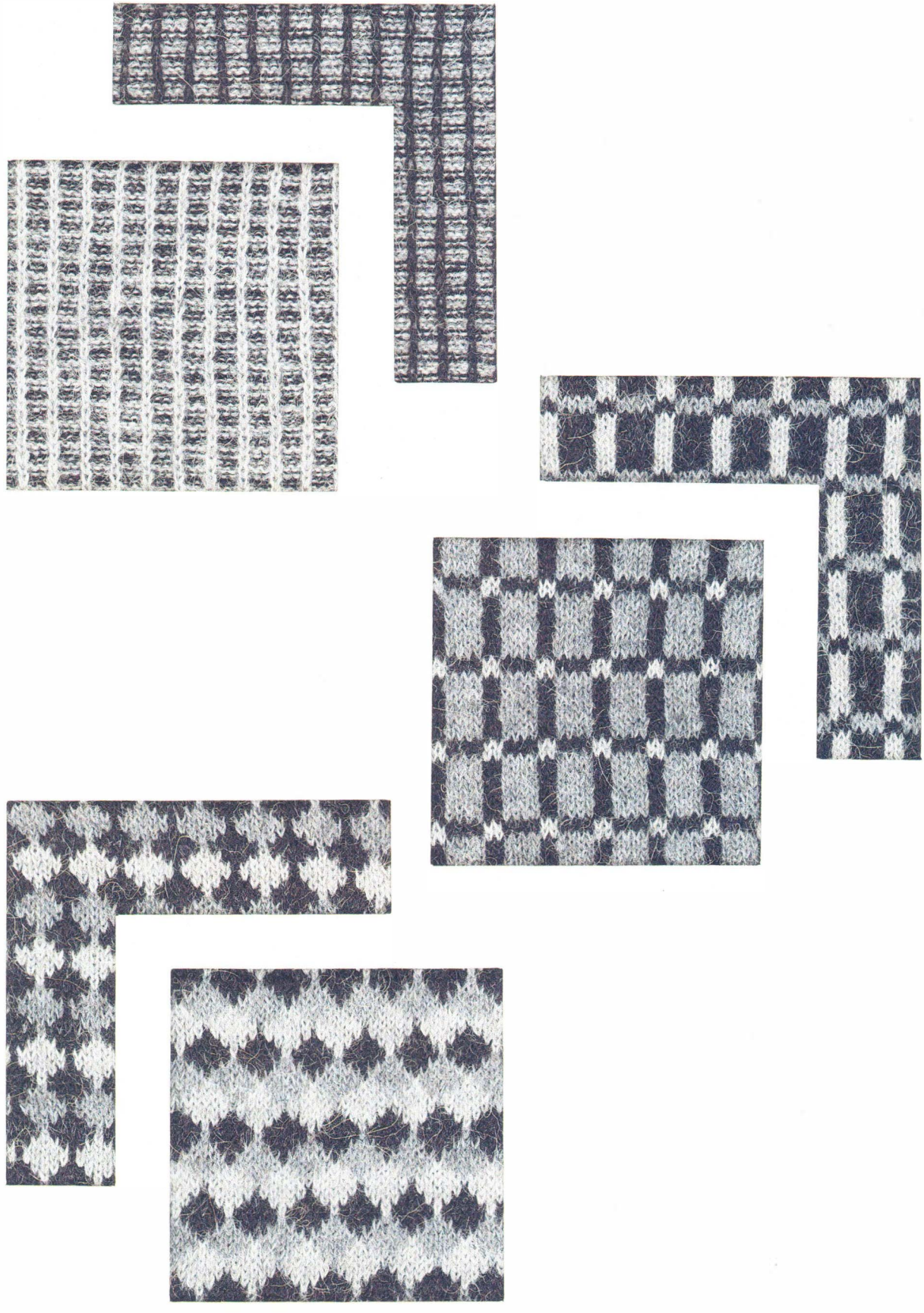
CHUNKY ELECTRONIC SK890 ACCESSORIES

The following Knitmaster accessories are suitable for use with the new Knitmaster Chunky Electronic SK890.

- 155 Chunky Ribber
- KR7 Knitradar
- AG30 Intarsia Carriage
- PE1 Design Controller

The exciting new Knitmaster Chunky Electronic SK890 will be on view at your Knitmaster stockist in May. Ask your stockist for a demonstration.

In the meantime, enter our competition (all answers are on these pages) and you could be one of the first lucky knitters to own the exciting new Knitmaster Chunky Electronic SK890.

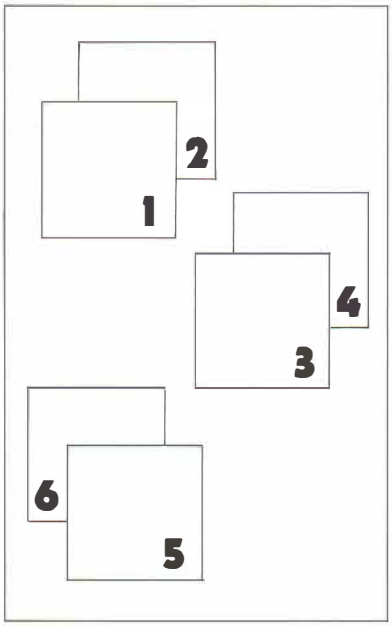


THE SWATCH SPOT

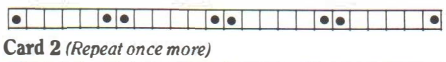
This month's Swatch Spot features a range of small Fair Isle and ribby fabrics, particularly suitable for menswear. The yarns we have used are from a fabulous range of Alpacas by King Cole. We have chosen the grey shades to work with but there is also a cream (Artic Fox 15), a camel (shade 174) and a mid brown (Beaver 29) if you prefer the more rustic shades. The small Fair Isle repeats, and the surface texture of pick rib, make ideal outdoor walking sweaters. Pattern 12 uses these yarns for a lovely man's sweater so, if you would like to use one of these fabrics to knit a sweater, you could simply transfer the classic sweater shape from pattern 12 onto your charting device and follow the fabric instructions we have given you here. Now there's no excuse not to knit the man in your life the ideal walking sweater.

FABRIC INSTRUCTIONS:

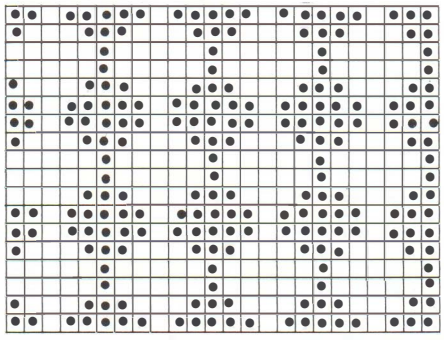
Yarns:
King Cole Alpaca (70% Alpaca, 30% Courtelle)
Col 1 — Silver Fox (19)
Col 2 — Koala (16)
Col 3 — Grizzly (30)



Card 1



Card 2 *(Repeat once more)*



SWATCH 1
(For Knitmaster Standard Gauge Machines with SRP60 Ribber)

Push 30 Ns at left and right of centre O to WP. 60 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on and knit several rows. Transfer sts for N arrangement below.

111x111x111x111x111 1 = Ns in WP
xxx1xxx1xxx1xxx1xxx x = Ns in NWP

Attach drive cam. Continue to work in pick rib, knitting 2 rows col 1, 2 rows col 3. Repeat throughout for required length. Transfer sts to knitter. Knit 1 loose row. Cast off.

SWATCH 2
(For Knitmaster Standard Gauge Machines with SRP60 Ribber)

Work as for Swatch 1 using col 3 for col 1 and col 1 for col 3.

SWATCH 3
(For Standard Gauge Punchcard Machines)

Push 30 Ns at left and right of centre O to WP. 60 Ns altog. Using col 3, cast on. Insert special card 1 and lock on row 1. Knit 20 rows stockinet. Turn up a hem. Set carr for Fair Isle. Do not release card. **With col 2 in feeder 1 and col 3 in feeder 2, knit 8 rows. With col 3 in feeder 1 and col 1 in feeder 2, knit 2 rows**. Repeat from **to** for required length. Cast off.

SWATCH 4
(For Standard Gauge Punchcard Machines)

Knit as for Swatch 3 from *to*. ***With col 3 in feeder 1 and col 1 in feeder 2, knit 8 rows. With col 2 in feeder 1 and col 3 in feeder 2, knit 2 rows***. Repeat from ***to*** for required length. Cast off.

SWATCH 5
(For Standard Gauge Punchcard Machines)

Push 30 Ns at left and right of centre O to WP. 60 Ns altog. Using col 3, cast on. Insert special card 2 and lock on row 1. Knit 20 rows stockinet and turn up a hem. Release card. Set carr for Fair Isle.
*With col 1 in feeder 1 and col 2 in feeder 2, knit 3 rows.
With col 1 in feeder 1 and col 3 in feeder 2, knit 3 rows.
With col 2 in feeder 1 and col 3 in feeder 2, knit 3 rows.
With col 2 in feeder 1 and col 1 in feeder 2, knit 3 rows.
With col 3 in feeder 1 and col 1 in feeder 2, knit 3 rows.
With col 3 in feeder 1 and col 2 in feeder 2, knit 3 rows*.
Repeat from *to* throughout.

SWATCH 6
(For Standard Gauage Punchcard Machines)

Push 30 Ns at left and right of centre O to WP. 60 Ns altog. Using col 3, cast on. Insert special card 2 and lock on row 1. Knit 20 rows stockinet and turn up a hem. Release card. Set carr for Fair Isle.
With col 3 in feeder 1 and col 1 in feeder 2, knit 3 rows.
*With col 3 in feeder 1 and col 2 in feeder 2, knit 6 rows.
With col 3 in feeder 1 and col 1 in feeder 2, knit 6 rows*.
Repeat from *to* for required length. Cast off.

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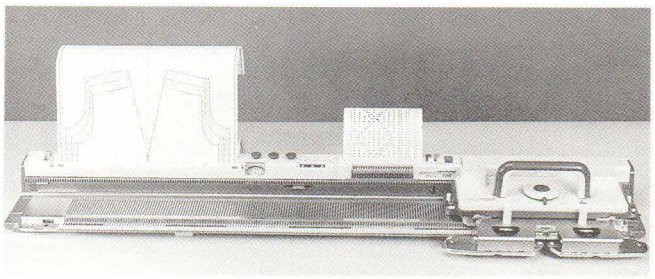

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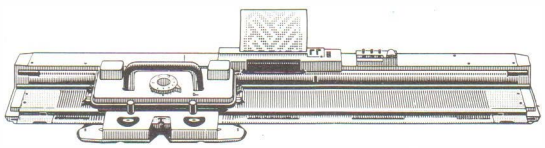
KNITMASTER

KNITMASTER'S 600K PUNCHCARD KNITTING MACHINE



- Standard gauge, punchcard machine.
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- Automatic cast on, carriage release lever, yarn cutter.
- Knits stocking stitch, Fair Isle, tuck stitch, plating, weaving, intarsia, slip stitch, tuck lace, punch lace, single motif.
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LETTERS, HINTS & TIPS

If you have an amusing or interesting bit of chit-chat or a helpful hint which you'd like to share with your fellow readers, or perhaps have a question or a problem you think your fellow readers can help with, write to us — we'll send you a £5 reward if your letter is published.

Dear Laraine,

I have recently become the owner of a Knitmaster F370K with lace carriage, punchcards, intarsia and radar, but it is fine gauge, and I cannot find any patterns anywhere for fine gauge machines. You may ask why did I buy it, but as the price was low for a new machine it was almost a gift. I wonder if any of our ladies who read and use this favourite knitting mag can help! Or, perhaps the magazine would consider including one or two patterns in the coming near future issues. I have tried out tension squares but they never seem to work out very well. HELP! PLEASE!

I remain, yours faithfully,

Mrs Winifred E. Clark, Glastonbury, Somerset

Dear Winifred,

I don't wonder why you bought this machine. Knitmaster's 370 Fine Gauge is a lovely machine and knits fine yarns beautifully. However, it also knits 4ply yarns beautifully and you'll find that you can knit our 4ply standard gauge patterns on your 370 Fine Gauge by setting your Tension Dial approximately 2 numbers higher than the number we give in the pattern. By doing this, you'll be able to get the same stitches and rows to 10 cms and so will be able to knit your chosen pattern following the instructions we give for standard gauge machines. You will, of course, have to experiment with each tension swatch, knitting it slightly looser or tighter to achieve exactly the same stitches and rows as we state, but then standard gauge owners have to do this too since **every** machine knits to a slightly different tension.

Your punchcard has a 30 stitch repeat rather than the 24 stitch repeat which most standard gauge machines have, so when a punchcard has been used in the pattern, you'll have to adapt it slightly or substitute it for another similar punchcard design. Apart from the punchcards which come with your machine, there are lots of other Fine Gauage punchcard designs available.

Pre Punched Pattern Card Sets (10 per set)
Series 1 FL11-20 — £8.03p + 28p p&p
Series 2 FL21-30 — £8.03p + 28p p&p

Book of over 200 Fine Gauge Punchcard Designs
Knitmaster Pattern Library No.6 — £13.25 + 58 p&p

Pattern Booklet — 9 Men's & Women's 2ply Fine Gauge Punchcard & Garment Designs
Fine Knit Pattern Booklet — £1.60 + 28p p&p

All of these Fine Gauge patterns are available from your local Knitmaster stockist. However, if you have problems getting hold of them, you can obtain any of them direct from us by sending a cheque which includes the relevant p&p, to Modern Knitting Ltd, PO Box 175, Kingston-upon-Thames, Surrey KT2 6HA.

Electronic owners should note that Pattern Library No.6 is also suitable for use with electronic machines.

Your 370 Fine Gauge machine has a built-in Knitradar charting device which will give you the further alternative of drawing any shape you fancy and knitting it in the yarn and stitch of your choice. The article on page 14 will give you some advice on this if you haven't yet used this invaluable piece of equipment.

I hope this information will help you to enjoy your 370 Fine Gauge machine, Winifred, because it really is a wonderful machine and was obviously a very good buy.
Laraine

Dear Laraine,

I have been using knitting ribbon but the cut ends kept fraying. I tried dipping the end in glue, when I remembered, as a teenager during the war years, I dabbed nail varnish on my rayon stockings to prevent a ladder running, so I tried it on the ribbon and it worked fine. Also at the Esher Knitting Exhibition (saw you there) a man was selling cardboard cones for woolwinders. Yesterday my husband cut down half a dozen yarn cones and they worked a treat. I had thought of using them as poop-scoops before he cut them!

Yours sincerely,

Joyce Woodruffe, Leighpark, Hants.

Dear Laraine,

Here are a few hints which your readers might find helpful.
(1) If using industrial yarn and you're knitting three strands together, why not use your cone as one strand rather than 3 balls, then if you don't notice when the balls run out, your cone will still hold your stitches.
(2) When knitting childrens cardigans with a border of motifs, start your front on the 12th needle instead of the centre O — this way you get a complete pattern instead of half.
(3) When doing children's plain garments, why not do your back and front in one complete piece, i.e. don't cast off the back shoulders, but continue to knit the front upside down. This way you save time.

Hope these tips are of some help.

Yours sincerely,

Mrs Boyle, Woodlands, Nr Doncaster

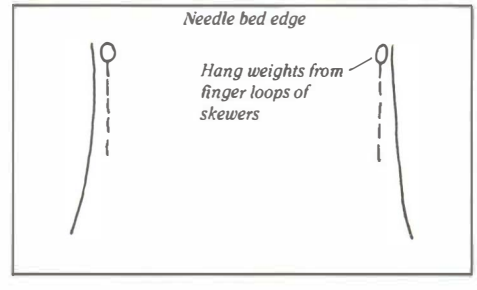
Dear Laraine,

When knitting rib patterns, end needles often refuse to knit when one's work reaches a certain length. Using knitting needles to hang weights on, also the cast on comb rolled upwards held down by bulldog clips did not give satisfaction. I decided to try my kitchen scewers. Using the long size scewer, I threaded one each end vertically, close to the edge of my work with the finger loop of the scewer close to the needle bed. From the finger loops I hung my small weights. The end stitches knitted perfectly and the finished work was very satisfactory.

Lighter (finer yarns) I have found needed much lighter weights. i.e. the home made kind. These are quite simple to make. All one needs are small pebbles, or dried peas etc even odd buttons, small nails or screws or metal washers from hubby's tool box. Using a saucer for a templace and oddments of material, cut out the circular shape. Place in the centre your chosen "weight" objects. With waste yarn or narrow tape, bind material tightly, leaving two tail ends to hang onto the finger loops. Also the scewers can be moved easily as the work grows, so you can hang the weights at the best working position. Hope this method helps others with the same problem.

Yours sincerely,

Corinne S. Thistlewood, Sherburn-in-Elmet, Nr Leeds.



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CHARTING DEVICE PATTERNS

(PART 1)

Last month, we explained how to make simple alterations to written patterns without too much difficulty, by using calculations based on tension swatch measurements. However, making more drastic changes frequently means that virtually the whole pattern has to be re-written, which can involve you in some complicated figure-work. If sums aren't your strong point (even with the help of a pocket calculator) or if you just haven't the time or the patience to sit down and work out new figures, then you will welcome a way which does away with all that! This is where a charting device really comes into its own, and with it you can very easily alter patterns to fit your own measurements.

THE EQUIPMENT

Some form of charting device is available from all the leading knitting machine manufacturers for use with their machines. Although called by different names such as "Knit Radar", "Knit Contour", "Knitleader", etc., and available either as a separate accessory or built into the back of the machine (depending on the model), the general principles behind all charting devices are similar. However you are advised to consult either the manufacturer or their local dealer regarding the availability of a suitable charting device for your particular model of machine if you're buying one as a separate attachment.

In addition to the actual charting mechanism itself, the equipment will probably contain a set of stitch scales, a Green (or Blue) Ruler or a centimetre ruler. Paper or wipe clean plastic pattern sheets and special pens for use with the plastic sheets may also be included. Ready-drawn pattern sheets are supplied (or can be purchased as extras) by some manufacturers. Some charting devices work to full-scale, and some to half-scale, whilst others can be used with either. So, when buying any spares, pens, blank sheets, printed pattern sheets, etc. it's important that you make sure they are correct for your particular equipment.

HOW CHARTING DEVICES WORK

For the benefit of readers who don't yet own a charting device, and for those of you who haven't so far got round to using yours, we'll just run over how to use a charting device.

Step 1. Using the yarn and stitch pattern of your choice, knit a tension swatch, marking the centre 40 stitches and 60 rows (or as instructed in your operation manual). We covered tension swatches in depth in our Feb '90 issue.

Step 2. Draw the pattern shapes for your garment onto a blank charting device sheet. Patterns can be taken from diagrams in magazines such as MODERN MACHINE KNITTING, or you can use one of the maker's ready-printed sheets. You can also, of course, make up your own design.

Whether the shapes are drawn to full- or half-scale will depend on the make or model of the charting device, and your manual will tell you this information.

Before starting, always check the measurements are correct for size. For simple changes, in length for example, add or deduct as appropriate, but if you're unsure about this, we'll be explaining how to make alterations in detail, next month.

Step 3. Measure your tension swatch. Measure between the marked points on your swatch EITHER using the Green (or Blue) Ruler — this will give you a number for stitches and rows; OR using the centimetre ruler — this will give you stitch and row measurements in centimetres and millimetres. Your manual will tell you which method to use.

Step 4. Enter your swatch figures into the charting device mechanism. To do this, firstly, select the stitch scale which corresponds to the number or measurement of stitches from your swatch, and place it in position. Next, enter the number or measurement of rows by turning the dial or moving sliding pointers. Finally, make any other settings which are needed for your equipment.

Step 5. Insert the pattern sheet into the slot in your charting device, and adjust it so that the sheet is central and the bottom line is level with the top of the stitch scale.

You can now read off the number of stitches to cast on from the point where the edge of your drawn shape meets the stitch scale. These numbers on the stitch scale represent needles on the needlebed. (See fig 2.)

Step 6. You are now ready to knit your garment.

FIGURE 1

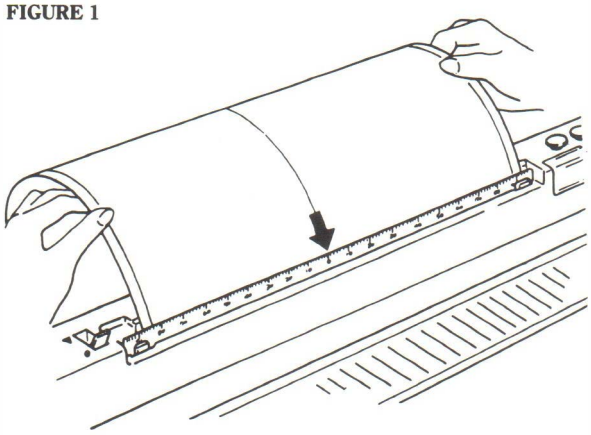
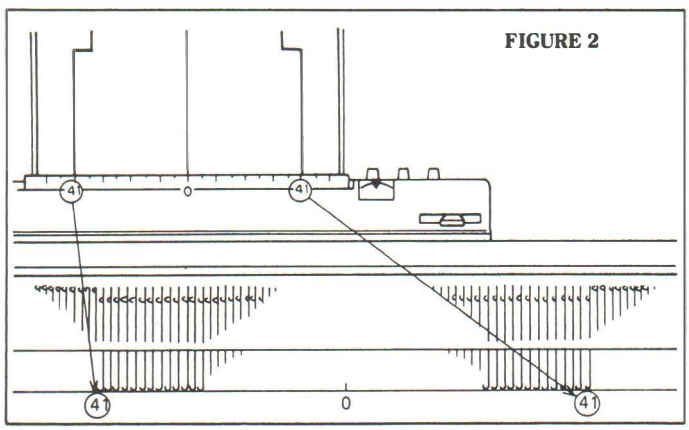


FIGURE 2



HINTS & TIPS

As you knit a row, the carriage triggers the charting device so that the sheet is gradually fed into the equipment (similar to a punchcard or electronic sheet). The actual amount by which it moves is variable and is determined by the row setting in Step 4. Because of this, you need to measure your swatch accurately in Step 3 or your finished garment will be too long to too short.

Please do remember the charting device can only show accurate information if the data you entered was correct in the first place. Provided you give it the right details, it will faithfully tell you what you need to know to knit the shape on the sheet. But it isn't a mind reader, unfortunately! If you change the yarn, stitch or tension, without giving the charting device new information, you can't expect it to know and to give you fresh readings. The shapes on the sheet can be used over and over again with different yarns or stitches, but you do need to make new tension swatches, and enter the revised details each time.

The charting device sheet, the numbers on the stitch scales, the needle numbers on your needlebed and the needles themselves are all related. The "O" on the stitch scales corresponds to the centre of your needlebed, and the numbers represent the needles. The matching stitch scales have the "O" placed either in the middle or to one end, so make sure you are using the correct type of scale if you have a choice.

During knitting, watch the point where the lines of your garment shape touch the stitch scale, and when the lines goes in or out, you must follow the shaping by increasing or decreasing the corresponding stitches on the needlebed.

TIP

If you make a mistake and unravel a few rows, remember to also turn back the charting device sheet by the same number of rows, so that everything matches again, otherwise your knitting will be short.

TIP

If you have the option of using either full size or half size patterns in your charting device (e.g., the Knitmaster KR7) remember to set the Select lever correctly to either 1/1 for full size, or 1/2 for half size according to the scale you have used on your sheet.

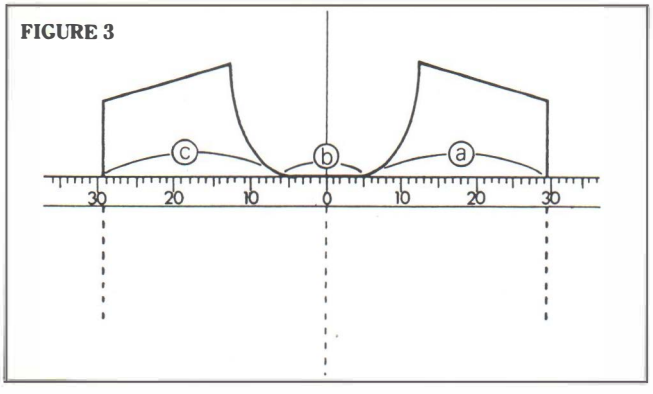
TIP

When you are knitting something which requires several increases or decreases, such as a sleeve, you can speed up your knitting quite considerably by running the pattern sheet through the charting device before you start to knit, marking each increase or decrease with a pencil mark. When you start to knit the piece you'll be able to spot more quickly and easily when to shape, rather than having to examine the pattern closely after each row. When you've finished knitting your garment, rub out the pencil marks so you can use the pattern again with a different yarn, stitch pattern and tension setting.

TIP

Knitting from a charting device requires far less concentration than knitting from a written pattern. However, many new knitters are nervous of using this very simple, visual system because there's no written explanation to help them do more complicated shapings. The most common instance of this is shaping the neck. So, lets go through it step by step.

FIGURE 3



There you are, a new knitter and you're nearly finished knitting your very first garment piece using the charting device. And hasn't it been easy — just the neck shaping to do! As with the rest of the piece you can see exactly what stitches to decrease and you know the charting device is automatically looking after the number of rows you should knit. But you suddenly realise that you're not going to be able to knit two separate shoulders once you've cast off the centre stitches at the bottom of the neck or at least, not without having long strands of yarn between the shoulders.

So, of course, you'll have to knit one shoulder at a time. here's how:-

Step 1

Using a length of the main yarn, cast off the centre 10 stitches as indicated on your charting divice (section (b) on fig. 3)

Step 2

Assuming your carriage is at the right,you will now knit only the right shoulder (section (a) on fig. 3). To stop the carriage from knitting the left shoulder, push all those needles at the left (section (c) on Fig. 3) to Holding Position and set your carriage for partial knitting (so it won't knit needles in Holding Position).

Step 3

Now, as you continue to knit, forget about the left shoulder and read only the instructions for the right shoulder. If your charting device is at the left of the machine, make sure you take the carriage far enough over each time to trigger it.

You will continue to shape the right of the neck edge as indicated on your pattern and, at some point, you will also be shaping the slopes of the shoulder.

When you have to decrease several stitches at a time, do it only when the carriage is at the same side as the decreasings. In other words, you'll be decreasing the shoulder slope every other row, when the carriage is at the right.

Step 4

When you've completed the right shoulder, you'll be ready to knit the left shoulder. Break the yarn and take the carriage to the left — the stitches at the left won't fall off because your carriage is set for partial knitting.

Reset the charting device so you're back at the beginning of the neck shaping.

Make sure your yarn is correctly threaded up and set the carriage to knit needles in Holding Position.

Now continue to knit the left shoulder in the same way as you knitted the right shoulder.

There, that wasn't too difficult, was it? There are very few such problems you'll encounter when using your charting device, but any which do crop up will be explained in your charting device manual.

Note:

The above instructions for knitting shoulders separately are for plain knitting only. When a stitch pattern is involved, there are other considerations to take into account. However, this is a subject which even experienced knitters have problems with, whether following a written or charting device pattern, so we'll cover this in depth next month.

Also, next month we'll show you how to alter charting device patterns to suit your own ideas and measurements. So meanwhile, if you've got a charting device which you've never quite got round to using, do get it out, read the instructions again, and let's see if we can't start to use it to make knitting a little easier and lot more interesting.

STAR SIGNS

(Part 4)

Each month this year we're including a sign of the Zodiac for you to knit — one for each Star Sign. This month we've created a beautiful border design for Aries. Knit it in two colours, or multicoloured with additional Swiss darning — or perhaps use it as a single motif if you prefer. Next month our Star Sign will be for Taurus.

SWATCH 1

For Standard Gauge Punchcard & Electronic Machines.

Yarns Used:
Knitmaster Kone 4ply
Col 1 — (Aran), Col 2 (Black)

TO KNIT

Insert card and lock on row 1. Push 37 Ns at left and right of centre O to WP. 74 Ns altog. using col 1, cast on. Knit 30 rows stockinet.
Knit 1 row col 2
Knit 1 row col 1
Knit 1 row col 2
Knit 1 row col 1
Release card. Set carr for Fair Isle.
Col 1 in feeder 1, Col 2 in feeder 2, knit 7 rows.
Knit 1 row col 1
Knit 1 row col 2
Knit 1 row col 1
Knit 1 row col 2
Col 1 in feeder 1, Col 2 in feeder 2, knit 41 rows.
Knit 1 row col 1
Knit 1 row col 2
Knit 1 row col 1
Knit 1 row col 2
Knit 1 row col 1
Col 1 in feeder 1, Col 2 in feeder 2, knit 7 rows.
Set Carr for stockinet.
Knit 1 row col 1
Knit 1 row col 2
Knit 1 row col 1
Knit 1 row col 2
Knit 30 rows col 1. Cast off. Swiss darn words following chart.

SWATCH 2

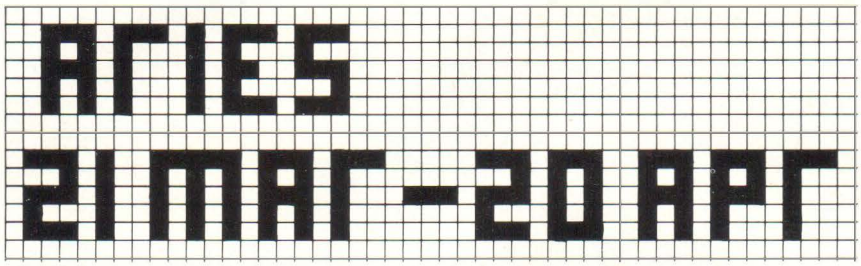
For Standard Gauge Punchcard & Electronic Machines.

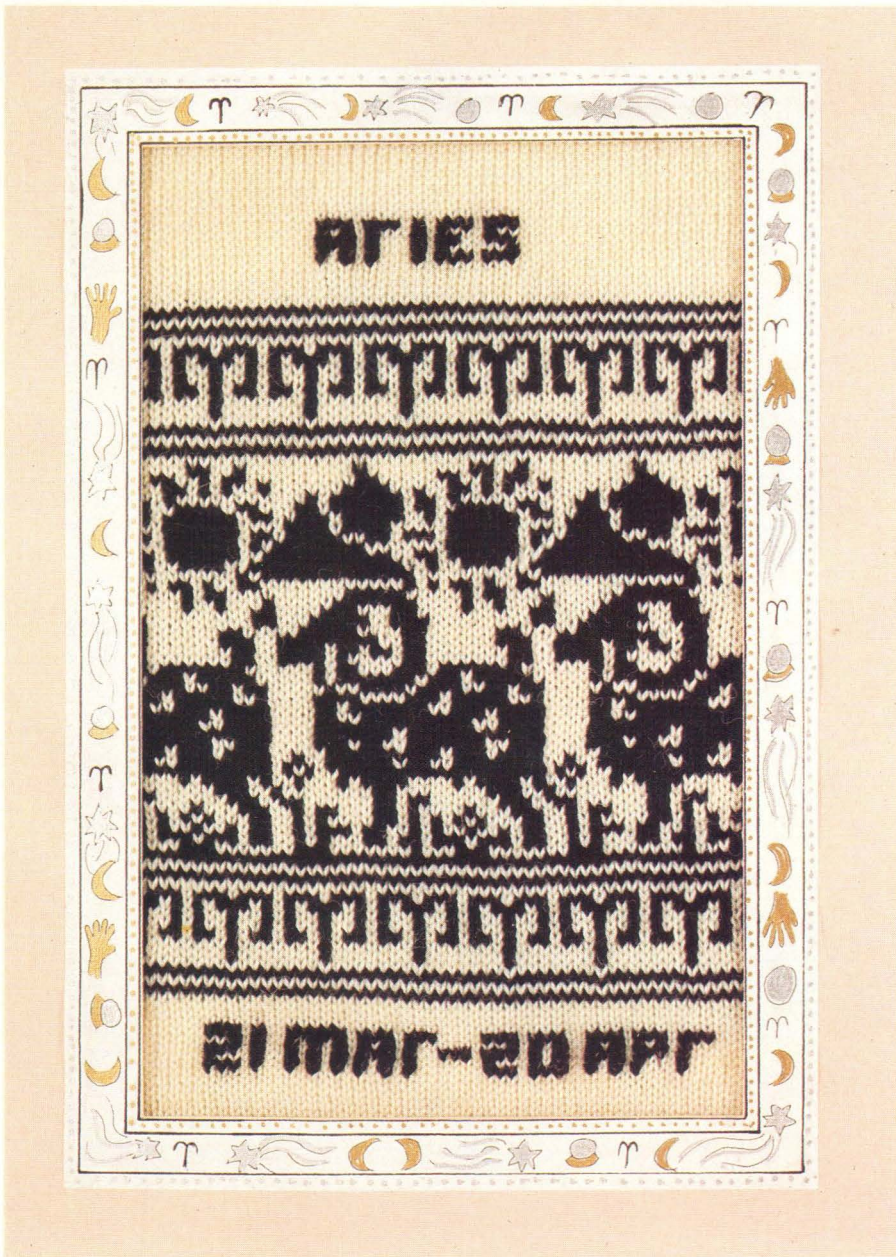
Yarns Used:
Knitmaster Aneto 4ply
Col 1 (Cream)
Col 2 (Aqua)
Col 3 (Clematis)
Col 4 (Saffron)
Col 5 (Rosebud)
Col 6 (Winter Green)
Col 7 (Bamboo)

TO KNIT

Insert card and lock on row 1. Push 37 Ns at left and right of centre O to WP. 74 Ns altog. Using col 1, cast on and knit 30 rows stockinet.
Knit 1 row col 3
Knit 1 row col 4
Knit 1 row col 3
Knit 1 row col 1
Release card. Set carr for Fair Isle.
Col 1 in feeder 1, Col 5 in feeder 2, knit 7 rows.

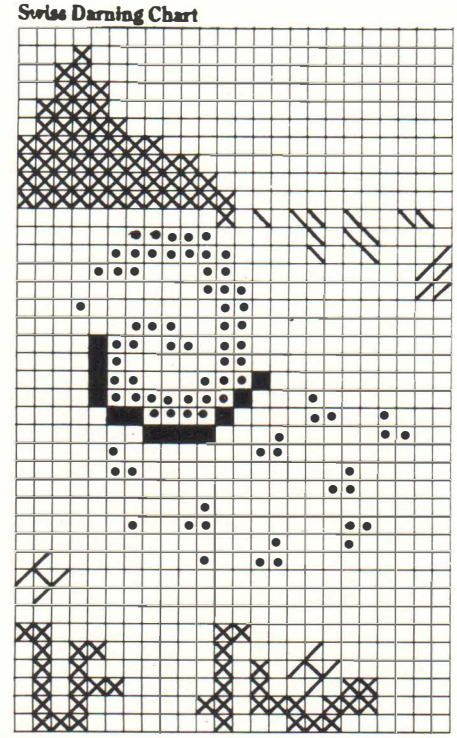
Knit 1 row col 1
Knit 1 row col 3
Knit 1 row col 4
Knit 1 row col 3
Col 2 in feeder 1, Col 1 in feeder 2, knit 29 rows.
Col 3 in feeder 1, Col 4 in feeder 2, knit 12 rows.
Knit 1 row col 3
Knit 1 row col 5
Knit 1 row col 2
Knit 1 row col 5
Knit 1 row col 4
Col 4 in feeder 1, Col 1 in feeder 2, knit 7 rows.
Set carr for stockinet.
Knit 1 row col 4
Knit 1 row col 5
Knit 1 row col 2
Knit 1 row col 5
Knit 30 rows col 1. Cast off. Swiss darn following chart.



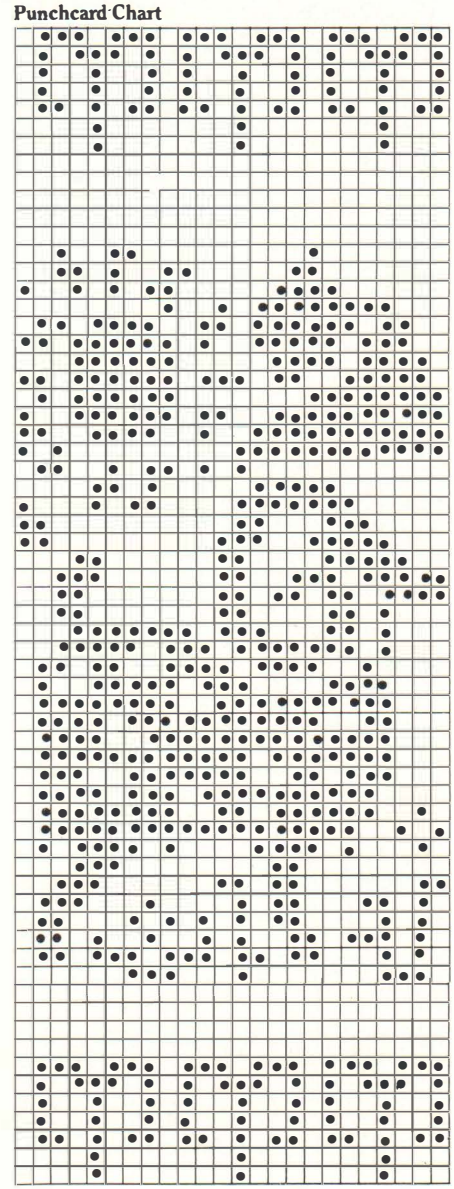


Col. 1
Col. 7
Col. 4
Col. 5
Col. 6

Swiss Darning Chart



Punchcard Chart



INSPIRATIONAL INTARSIAS

"EASTER BONNET"

We thought, for this month's intarsia, it would be most appropriate to feature an Easter Bonnet, so we hope you like our 1920's style lady with her flower-adorned hat. King Cole's Angora-Look 4ply has been used to compliment the soft, demure style of this design, being a slightly fluffy, very feminine yarn. In order to achieve the same effect as the original sample, use yarns as specified below.

YARNS:

KING COLE ANGORA-LOOK 4ply
(80% Courtelle, 20% Nylon)
Hat and Dress: Royal (Shade 21)
Face, hat ribbon and flower centres: Peach (Shade 59)
Flowers: White (Shade 1)
Lips: Red (Shade 9)
Background and leaves: Silver (Shade 36) or Smoke (Shade 201)
Embroidery and outline stitches: Black (Shade 48)
The design covers 83 stitches and 122 rows.

MACHINES:

We knitted our "Easter Bonnet" on a Standard gauge machine with intarsia facility. Remember, if you use a chunky machine to knit this design, it will be proportionately bigger than our standard gauge version.

DECORATION:

Since Silver has been used for the background colour on our original sample, as well as for the leaves on the hat, extra definition is necessary where this colour is knitted next to the peach or white. We've used black for the markings on the flowers and leaves, and also to outline each part of the design. The original intention was just to outline the peach, white and silver parts, but as the work progressed it became apparent that it would be most effective if the complete design were given the same treatment, using straight embroidery stitches. If you use Smoke for the main colour rather than silver, there will be a greater contrast between the background and the peach, but less between the background and the blue hat and dress! Therefore decide just how much black embroidery you want to use once the knitting is finished — just as we did. Because the yarn has the little white 'hairs' in it, the black actually resembles charcoal rather than a true black, so is in keeping with the overall softness of the design.

Not only our "Easter Bonnet", but a wide variety of designs can be given more life and definition by outlining all or some of the design in a darker colour, so bear this technique in mind when working on other designs.

On our original sample, a string of very pretty 'pearls' has been stitched around the lady's neck which, apart from adding some surface decoration and extra interest, also enhances the authenticity of this particular lady in her bonnet. A wide range of 'pearl' bead borders is available from haberdashery retailers, so your own design could really be very individual. However, if you can't find strips of pearl beads, then individual pearl beads, which are more readily available, could be stitched on instead. As a third alternative, the charted intarsia design includes beads so you can, if you prefer, knit the large pearl beads using white yarn.

ADAPTIONS AND VARIATIONS

To add even more surface decoration and texture, you could use real ribbon on the hat rather than knitting it. Tie it in a neat bow at the back of the hat and neatly stitch it in place at intervals to keep the bow in position. The knitted flowers and leaves could be replaced with either ready made satin appliqué motifs or your own appliqués, using the charted flowers and leaves as a guideline. If you do make your own motifs, remember to cut out complete flower and leaf shapes so that they overlap each other when stitched into place on the hat. Another variation would be to embroider the flower centres or even decorate them with round beads or buttons.

A further variation as far as the flowers are concerned would be to knit 3-dimensional flowers as featured on the 'Christmas Roses' sweater in our December '89 issue. Since the roses decorating that sweater are rather larger than we need for this hat design, instructions for a smaller version are given below.

3-D ROSES

Push 42 Ns to WP. Using waste yarn, cast on. RC 000. MT. Using King Cole Angora-Look in white, knit 4 rows. Push the 4th and ev foll 8th N to HP. Set carriage for partial knitting. Knit 6 rows. Set carriage to knit needles in HP. MT+2. Knit 2 rows. Push same Ns to HP. Set carriage for partial knitting. MT. Knit 4 rows. Change to peach yarn. Knit 2 rows. Set carriage to knit needles in HP. Knit 4 rows. RC 022. Break yarn, leaving a long end. Thread end through sts and release from machine. Thread a length of white yarn through cast on sts. Remove waste yarn. Turn knitting right side out. Draw up threaded cast on and cast off sts to form a circle (carefully so as not to break the yarn). Fasten off white yarn securely. Fasten off peach yarn and take through to back of rose. Use peach yarn to stitch rose to hat.

If you're knitting the "Easter Bonnet" design on the front of a sweater, the cuff and welt ribs could be edged with the royal (cast-on and 3 tubular rows only) and/or have royal narrow stripes at intervals. For instance, if you knit a rib of 38 rows, the edge could be blue, then 8 rows grey and 2 rows royal repeated for the depth of the rib, which would finish with 8 rows grey. Cuffs could be 34 rows deep, finishing with 4 rows grey.

Since the "Easter Bonnet" is a fairly large design, it would also be suitable for the back of a jacket, in which case welts and cuffs could still be edged or striped with royal. Buttons in royal would look good, either plain or flower shaped. If you're knitting a shawl collared jacket, the collar and ribs might also look effective in royal, possibly with narrow grey stripes. A corsage of 3-D flowers stitched to one of the jacket fronts, would add extra interest to this design. Alternatively, a small flower border could be knitted above the welts and cuffs in the same colour as the flowers on the hat, in which case, consider using flower buttons in the same colour too.

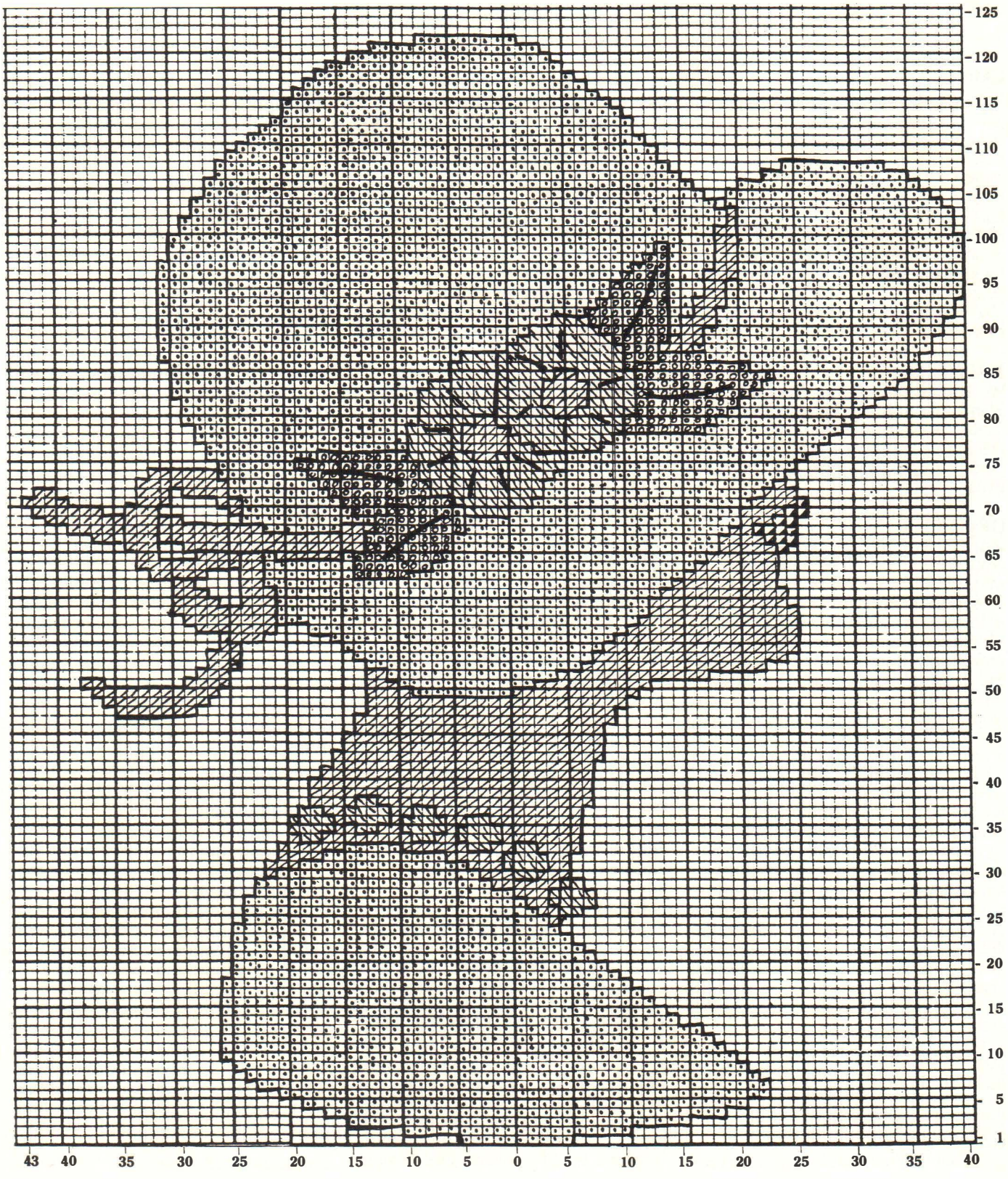
Our "Easter Bonnet" design would also lend itself beautifully to 20's style cushion covers with a ready-made, crocheted or knitted lace edging. An easy method of making a frilled knitted edging is to cast on enough stitches to give twice the measurement round the cushion (which may have to be in more than one piece). Cast on with waste yarn and knit the edging in the pattern and depth of your choice, cast off. Thread a length of yarn through the cast on stitches. Draw up the cast-on edge to fit the edges of the cushion, remove the waste yarn and neatly stitch in place.

Whatever you decide to do with our "Easter Bonnet", we hope you will enjoy making it and also have a very peaceful and enjoyable Easter. See you next month with a design that has been requested many, many times!

Continued overleaf

INSPIRATIONAL INTARSIAS *Continued*

- MAIN COLOUR
- ROYAL BLUE
- PEACH
- WHITE
- RED
- SILVER GREY



KNITTING CLUB NEWS

New Registrations

This month we are pleased to register the following new Clubs:

Sutton Coldfield Machine Knitters, already have some 80 people on their books with an average attendance of 50 to the meetings, they have really got things up and running before deciding to register the name. Their organiser is Jill Drake and you can contact her on 021-353 3551.

Ko-Zee Knits of West Bromwich meet on the third Tuesday of the month from 7pm to 9pm. The organiser is Mrs Pauline Hale and she can be contacted on 021-556 0731.

A Knitting Club has been set up at Patchway near Bristol and, here again, they have decided to really become established before registering with us. Their Organiser is Mrs M. Crane.

The Allsew Knits Knitting Club meets at the Allsew Knits Centre, 9 Halesowen Street, Rowley Regis, Warley. Their Club now meets twice a month due to the overwhelming popularity of the meetings. The Club is especially for owners of Japanese knitting machines.

South Oxhey Knitting Club near Watford in Herts meet the first and third Monday of each month with their Organiser Mrs Ann Cox.

If you would like further details about any of the above clubs, please send a SAE to Knitting Club Liaison Officer, Modern Knitting Ltd, PO Box 175, Kingston-upon-Thames, Surrey KT2 6HA.

Classes and Courses

We have received a newsletter from Hazel Pope telling us of a series of classes that she will be organising throughout the year, which includes Courses especially for owners of the Knitmaster DesignMaster Electronic knitting machine. For further details of these classes which take place in the idyllic village of Chiddingstone in Kent ... contact Hazel Pope at The Manor House, Chiddingstone, Edenbridge, Kent, enclosing a stamped addressed envelope.

The John Warner School, Hoddesdon, Hertfordshire ... 5 week beginners class on Thursday evenings, commencing April 26th.

Residential Courses at Alston Hall, Longridge, Lancashire. April 16th-20th titled 'The Finishing Touch'. October 28th to November 2nd. The title still to be decided

Sawbridgeworth. A Friday morning class is planned for the blind and the visually disabled. For further details of these classes and courses contact: Joanna Nelson (0992) 584876

Haywards Heath Machine Knitting Club meet on the 2nd and 4th Tuesday of each month at the Presentation Hall, New England Road, Haywards Heath at 8pm. The fee is £1 per evening and the meetings last about one and a half hours. For more details contact: Mrs Janet Millar (0444) 454556.

SPOTLIGHT ON BRAMWELL
Bramwell's colourful yarns are well and truly in the fashion spotlight. As well as looking good, they retain star quality, superb texture and colour consistency with constant weight and strength. Bramwell's 100% Acrylic Fine 4 Ply has 45 shades to choose from, whilst Duo Magic is a must for Duomatics and all Double Bed machines. Supplying their own books, as well as being distributors of both Mary Weaver and Kathleen Kinder publications, Bramwell also supply various accessories.
Bramwell are leading UK suppliers of coned yarns for machine knitting and the following yarns are all now available at your local stockist:
● 4 Ply Acrylic ● Hobby Knop ● Hobby Variations ● Rania ● Texas Chunky
● Baby Bramwell ● 2/30 Repeatable H.B. Acrylic ● Artistic ● Lovat
● Roseknit Superwash ● Brushed May ● Bramwell Silky ● Metallic ● Instant Fair Isle
● Double Knit ● Opal ● Montana Cotton ● Ivette ● Duo Magic ● Zodiac
● Tweedknit ● Shetland
Bramwell
CHOICE · YARNS
F. W. Bramwell and Co. Ltd., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington, BB5 5TU. Tel: (0282) 79811
U.S.A. Sole Importer: Bramwell Yarns, P.O. Box 8244, Midland, Texas 79708 U.S.A.
Canadian Sole Importer: Westrade Sales Inc., 2711 No. 3 Road, Richmond B.C. V6X 2B2., Canada.
Australian Sole Importer: Elna Sewing Centre/Tessa B Knits, 98a Norma Road, Myaree, Fremantle, W. Australia.
Nederlands excl. importeur: Empisal Breimachine Imp. Ned., Molecatenlaan 8a, 7339 LM Apeldoorn, Holland.

Pattern 1

SWEATER WITH LACE COLLAR

This lovely, classic long-line sweater has been given a very feminine look by adding a lace collar. We've knitted this lace collar by hand transferring so, even if you don't have a lace carriage, you can still knit it and, if you like, use it on other sweater designs too. If you do have a lace carriage watch out over the next few months for the instructions for a similar automatic lace collar. Because this sweater is so beautifully classic, you might like to consider using it in other ways too — perhaps with a polo neck for the winter months or simply a classic ribbed neckband. And, if you're feeling inspired by last month's article about making minor alterations to the pattern, you may like to convert this sweater into a dress simply by knitting it longer.

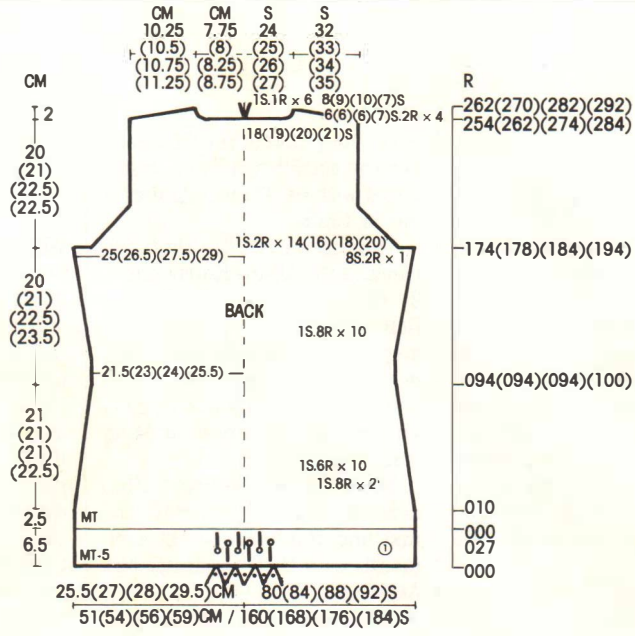
For Standard Gauge Machines with Ribbing Attachment.
Knitted on Knitmaster's Zippy Plus.

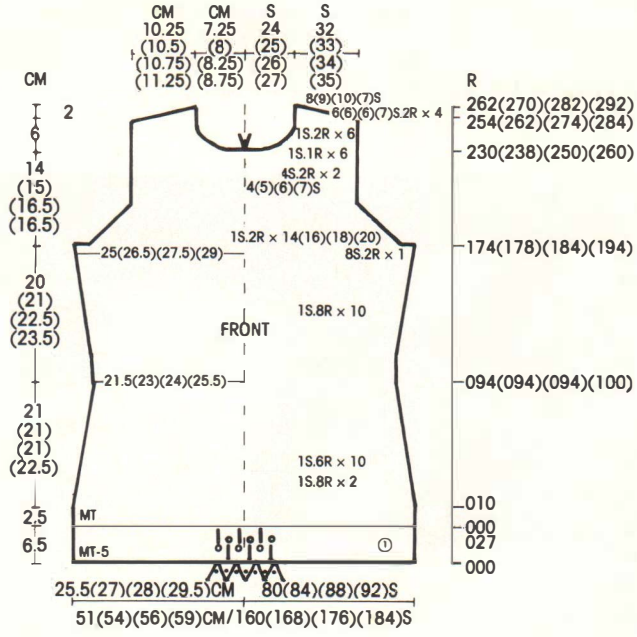
SIZES:
To fit 86(91)(96)(101) cms/ 34(36)(38)(40) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
King Cole Anti-tickle 4ply
Col 1 (Aqua 171) — 380(400)(420)(440) grms
Col 2 (White 1) — 40 grms.

TENSIONS:
Stockinet — 31 sts and 40 rows to 10 cms.
TD at approx. 8 (MT).

PATTERN NOTE:
Stockinet.
Lace Pattern — follow chart.





BACK:
Push 80(84)(88)(92) Ns at left and right of centre O to WP.
160(168)(176)(184) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on.
RC 000. MT-5, knit 27 rows. Transfer sts to knitter. RC 000. MT. Knit 10 rows.
Shape as shown on diagram to Row 94(94)(100).
136(144)(152)(160) sts. Shape as shown on diagram to Row 174(178)(184)(194).
156(164)(172)(180) sts.
Shape Armholes
Shape as shown on diagram.
112(116)(120)(124) sts. Knit to Row 254(262)(274)(284).
Shape Back Neck and Shoulders
Shape as shown on diagram to Row 262(270)(282)(292). Cast off rem 8(9)(10)(7) sts. Knit left part as for right part.

FRONT:
Knit as for Back to Row 230(238)(250)(260).
Shape Neck
Shape as shown on diagram to Row 254(262)(274)(284).
32(33)(34)(35) sts.
Shape Shoulder
Shape as shown on diagram to Row 262(270)(282)(292). Cast off rem 8(9)(10)(7) sts. Knit left part as for right part.

Continued on page 36

Pattern 1

KNITTING FROM NATURE
(Part 2)

Every month, our Knitting from Nature feature will provide you with some delightful motifs – for both electronic and punchcard machines. Collect our designs every month and build up your exclusive Nature Collection.

FLYING SWANS

This month's 60 stitch picture shows swans flying against the evening sky. Use it on the front of a sweater, knitted either on an electronic machine or using intarsia, and consider using the larger of the two 24 stitch designs above the cuffs. The smaller stylised 24 stitch design can be used at the top of the sleeves and perhaps above the rib on the back and front too.

The larger 24 stitch swan makes a lovely border while the smaller design can be used either as a border design or an all over pattern. If you own a 12 stitch punchcard machine you can use the smaller design simply by punching halfof the punchcard chart.

The beaks have been Swiss darned in yellow.

PATTERN NOTE:

Yarns Used:
Forsell Shamal
Light Navy – 510 Marine
Light Blue – 512 Sky
Dark Navy – 516 Admiral
White – 500 White

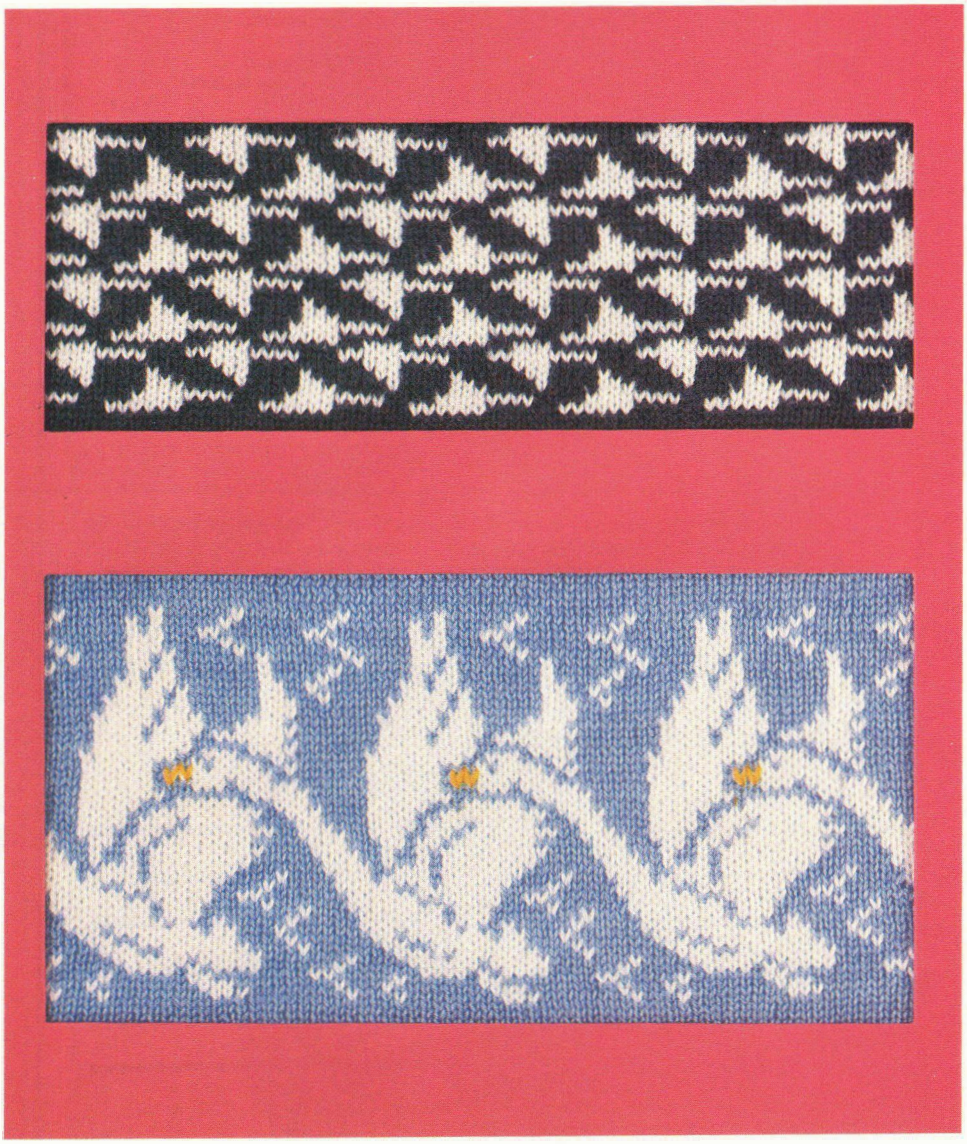
Machines

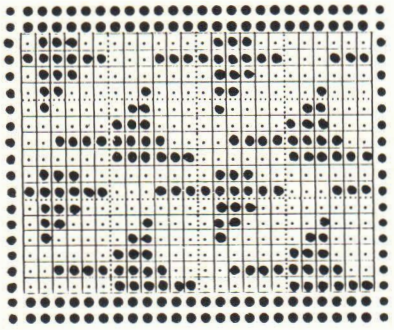
Large Flying Swans
For electronic machines.
Note: If you don't have an electronic machine, you can also knit this design by using the electronic chart as an intarsia chart.

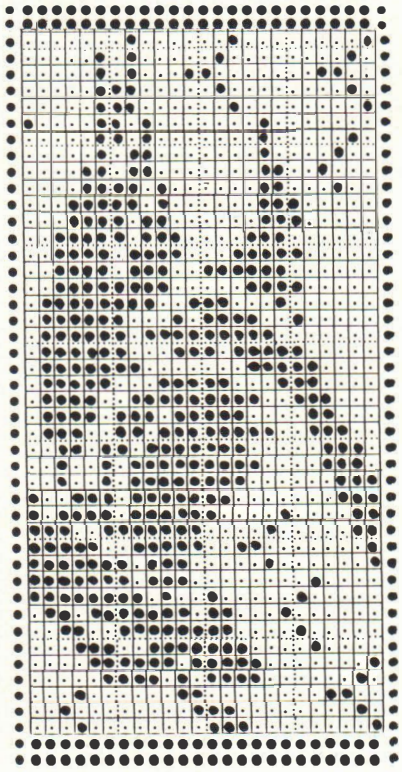
Small Flying Swans
The punchcard is suitable for use with electronic machines and 24 stitch punchcard machines.

Stylised Flying Swans
The punchcard chart is suitable for use with electronic machines and 12 or 24 stitch punchcard machines.
Note: When using the punchcard charts to make an electronic design card, fill in a square where the punchcard chart shows a hole.

Continued on page 28







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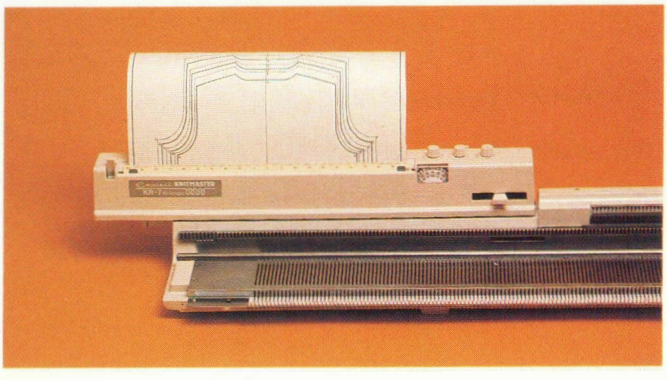


SYMBOLS FOR THE DIAGRAMS

Closed edge cast-on

Cast-on using waste yarn

Closed edge cast-on with ribber

Loose row

Needle arrangement
1 = needle in work position
0 = needle in non-work position

S = Stitches

( ) Larger sizes

① Colour

Turn up a hem

Pattern stitch

R Row

MT Main Tension

Divide work in half and knit each side separately

Repeat

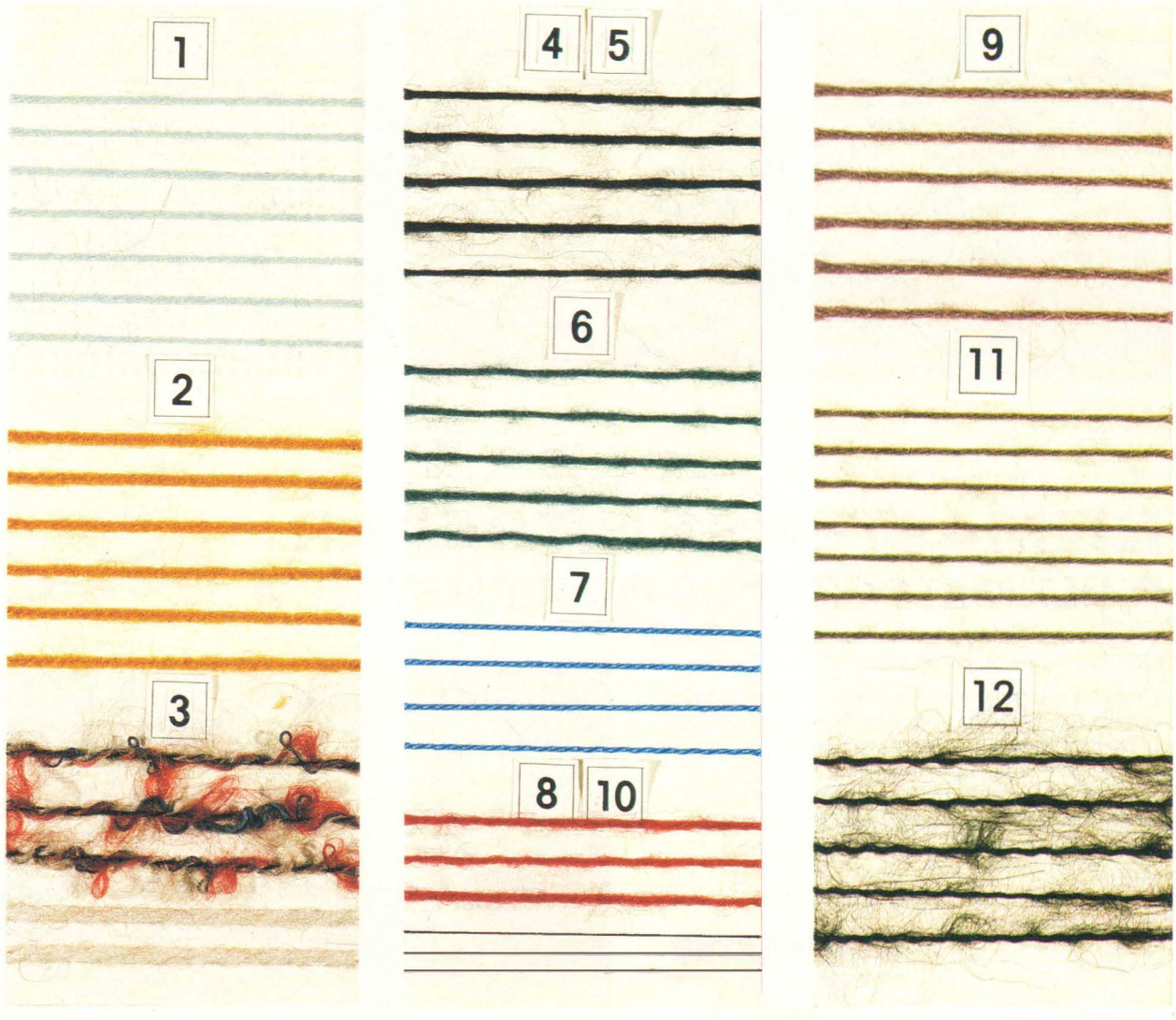
2S.2R x 3 is an example of shaping instructions shown on the diagram. The shape of the diagram will indicate whether you are required to increase or decrease. 2S.2R x 3 would mean decrease (or increase) 2 stitches, knit 2 rows, 3 times in all.

Abbreviations

Alt	— Alternate
Approx	— Approximately
Beg	— Beginning
Carr	— Carriage
Cm(s)	— Centimetre(s)
Col	— Colour
Dec	— Decrease
Ev	— Every
Foll	— Following
HP	— Holding Position
Inc	— Increase
MT	— Main Tension
N	— Needle
Ns	— Needles
NWP	— Non Working Position
Patt	— Pattern
Pos	— Position
Rept	— Repeat
Rem	— Remaining
RC	— Row Counter
St	— Stitch
Sts	— Stitches
TD	— Tension Dial
Tog	— Together
UWP	— Upper Working Position
WP	— Working Position

YARNS USED IN THE PATTERNS

For your reference we have included an actual size representation of the yarns we have used in the patterns this month. You may find it useful to see how each particular yarn looks before it has been knitted into a garment and it will be particularly useful when we haven't quoted a brand of yarn, simply a type of yarn.
Our overseas readers will also find it helpful since not all the yarns will be available in all countries. However, having said that, it will certainly be worthwhile writing to the spinners listed in our Stockist Information to see if there is an overseas mail order service available.



HOW TO WORK FROM A DIAGRAM PATTERN

The pattern instructions in Modern Knitting are in the form of a diagram pattern, which is by far the easiest form of knitting pattern to use. However, if you are not familiar with diagram patterns, Here's a step by step guide which will teach you to use this easy-to-follow pattern system. Study the symbols on next page carefully then work through the diagram following the written explanation alongside. You'll find it quite straightforward and, once you have knitted your first couple of patterns using this system, you'll wonder how you ever coped with those long winded written patterns.

First of all, take a look at the diagram itself. The diagram is divided into two halves. On the right side you'll find all the stitch and row references while on the left side you can see we've given all the measurements which will help you when pinning your knitted pieces out to size. In addition, you'll find certain items of information on the diagram such as the needle arrangement for the rib, the type of cast on you should do and any other relevant information you might need. As you can imagine, once you are familiar with this type of pattern, you'll be able to see at a glance just what's involved in the knitting of each design without having to read the whole pattern.

Starting at the lower edge, your first instruction is: ∧∧∧∧ 60S. This tells you to cast on 60 stitches using the ribber.

ıı ıı ıı ıı tells you to arrange the needles for a 1 × 1 rib.

000 at the bottom right hand corner tells you to set your Row Counter to 000.

MT-3 tells you to set your Tension Dial to 3 numbers lower than the Main Tension.

The first row number given is 006, so knit to row 6.

The line across the diagram at row 6 tells you that you have finished knitting the rib, so transfer the stitches from the ribber to the main machine.

000 at the right hand edge tells you to turn your Row Counter back to 000.

MT tells you to set your Tension Dial to the Main Tension. Continue knitting until your next instruction which is on row 40.

The diagram pattern shows you that you are now at the stage for shaping the armholes. **Although the shaping instructions are shown on one side of the diagram only, they should be worked on both sides, since the diagram shows there is the same armhole shape on the left side.** If you find it easier to begin with, pencil in the same instructions on the left side to remind you that you have only been given the instructions for one armhole.

1S.1R×2 is the instruction.

1S tells you how many stitches to decrease.

1R tells you how many rows after each decrease.

×2 tells you how many times to decrease.

Therefore, 1S.1R×2 means:-

Decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit one row.

Decrease 1 stitch on both sides, knit 1 row.

The next instruction is 1S.2R×1. Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 2 rows.

The next instruction is 1S.3R×2.

Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 3 rows.

Decrease 1 stitch on both sides. Knit 3 rows.

Your next instruction is not until Row 68 therefore knit to row 68 without shaping.

The diagram pattern shows you that you are now at the stage for shaping the neck.

The symbol ∨ tells you to divide the work in half and knit each side separately.

Therefore, either push the needles at left into holding position, or knit them onto waste yarn and remove from the machine. Now knit the right side as follows: —

5 S tells you that 5 stitches form the base of the neckedge.

Therefore, using a length of main yarn, cast off 5 stitches.

Your next instructions are for the neck shaping

2S.2R × 1
1S.2R × 2
1S.1R × 1

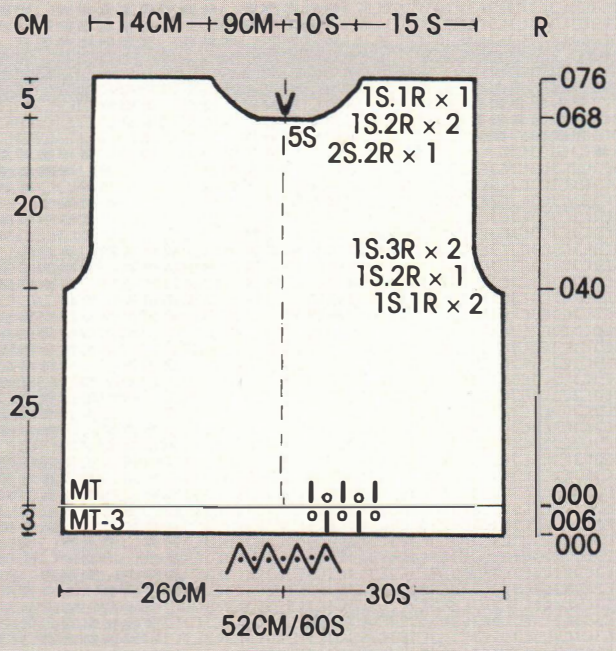
and should be carried out in the same way as before.

The last instruction is on row 76 where the straight line shows you should cast off the remaining 15 stitches.

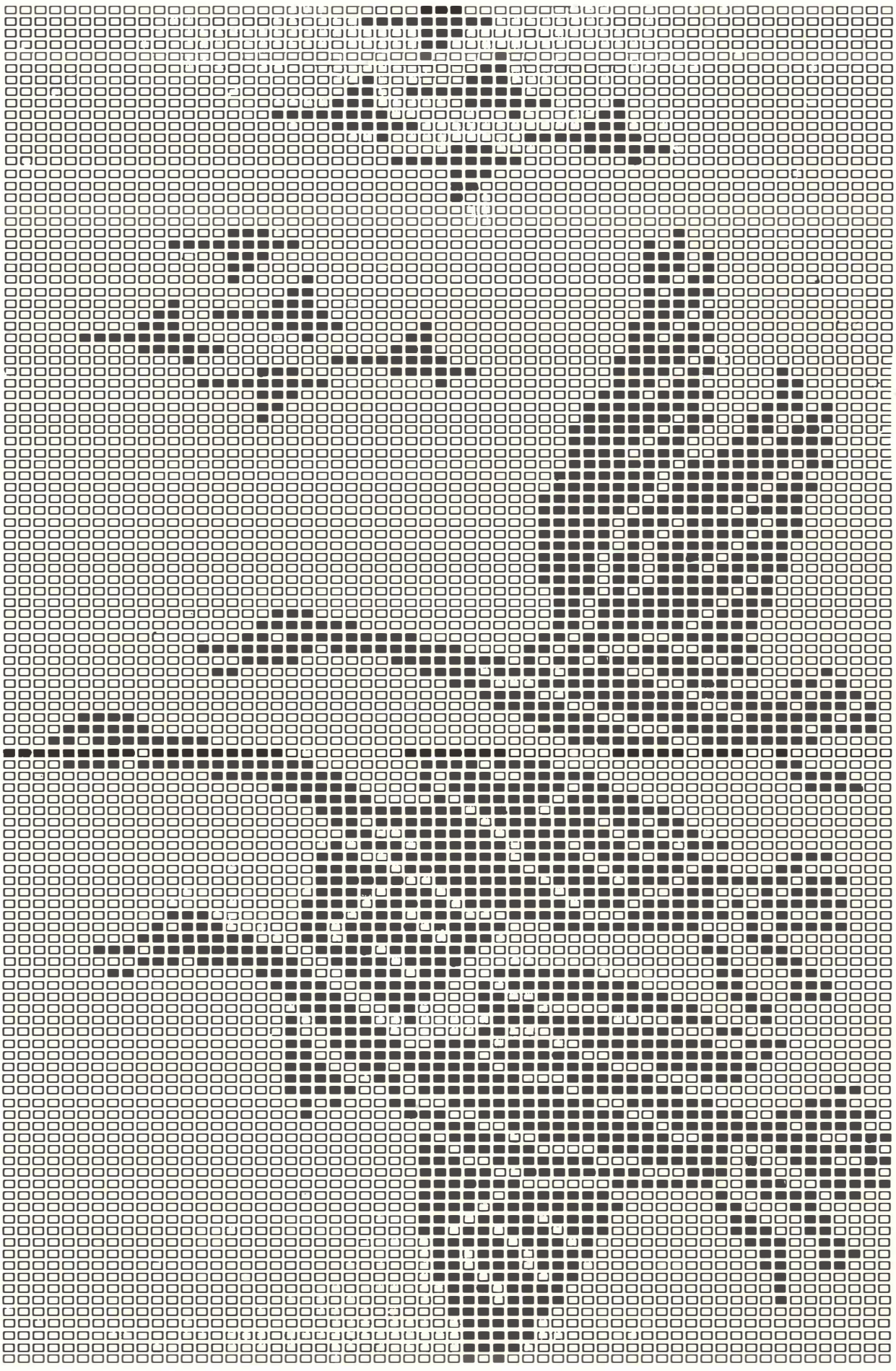
Then, of course, you must turn the Row Counter back to 68 and knit the left half of the neck in the same way.

For those of you who are new to diagram patterns, the important points to remember are: —

1. The stitch, row and shaping references are on the right half of the diagram.
2. Shaping instructions are given for the right side of the diagram only. They should be repeated on the left if the diagram shows there is the same shape on the left.
3. A shaping instruction such as 2S.1R × 3 means decrease 2 stitches, knit 1 row, 3 times in all.
4. Don't worry too much if you find you're the odd row or stitch out on your first couple of attempts. Nobody will notice and you'll soon get the hang of using diagram patterns and wonder how you ever managed without them.



KNITTING FROM NATURE *Continued*



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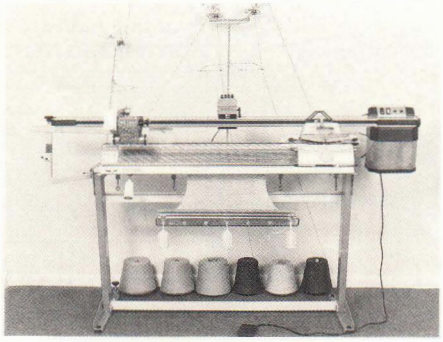

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HOODED SWEATER

Here's an unusual sweater variation. Although the basic shape is for a v-neck sweater, we've knitted an additional long, straight piece and attached it to the neckline to create a hood. Choose whether you knit this sweater with its hood or as a classic v-neck sweater. Notice the interesting use of stripes — fine stripes of contrast colours on the body with bolder stripes of the contrast colours on the sleeves, featuring different colours on each of the sleeves. Why not experiment with similar stripe variations to give some of your favourite plain designs a new look.

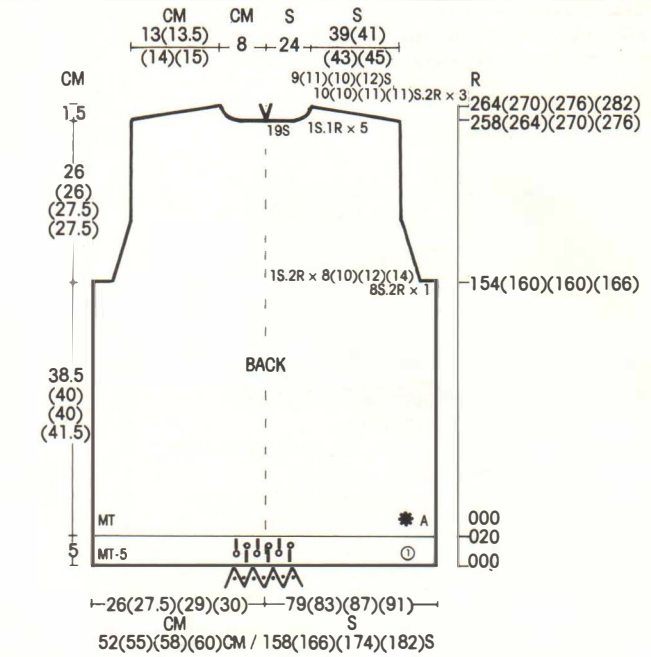
For Standard Gauge with Ribbing Attachment.
Knitted on Knitmasters Zippy Plus.

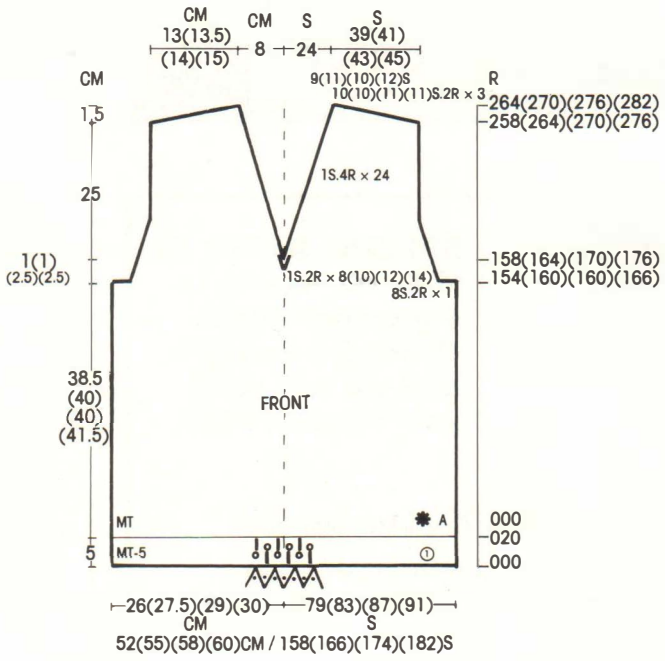
SIZES:
To fit 86(91)(96)(101) cms/ 34 (36)(38)(40) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Spectrum Detroit Vermont Perle 4ply
Col 1 (Honey 856) — 260(270)(280)(290) grms
Col 2 (French Navy 864) — 110(115)(120)(125) grms
Col 3 (Serpentine 852) — 170(180)(190)(200) grms
Col 4 (Mulberry 850) — 50(55)(60)(65) grms
3 small buttons.

TENSIONS:
Stockinet — 30 sts and 40 rows to 10 cms.
TD at approx. 8 (MT)

PATTERN NOTE:
Stockinet.
Stripe Pattern A
Knit 2 rows col 2, 2 rows col 1, 2 rows col 3, 20 rows col 1, 2 rows col 4 and 20 rows col 1.
Stripe Pattern B
Knit 10 rows col 1, 10 rows col 2, 10 rows col 3, and 10 rows col 2.
Stripe Pattern C
Knit 10 rows col 1, 10 rows col 2, 10 rows col 4 and 10 rows col 2.

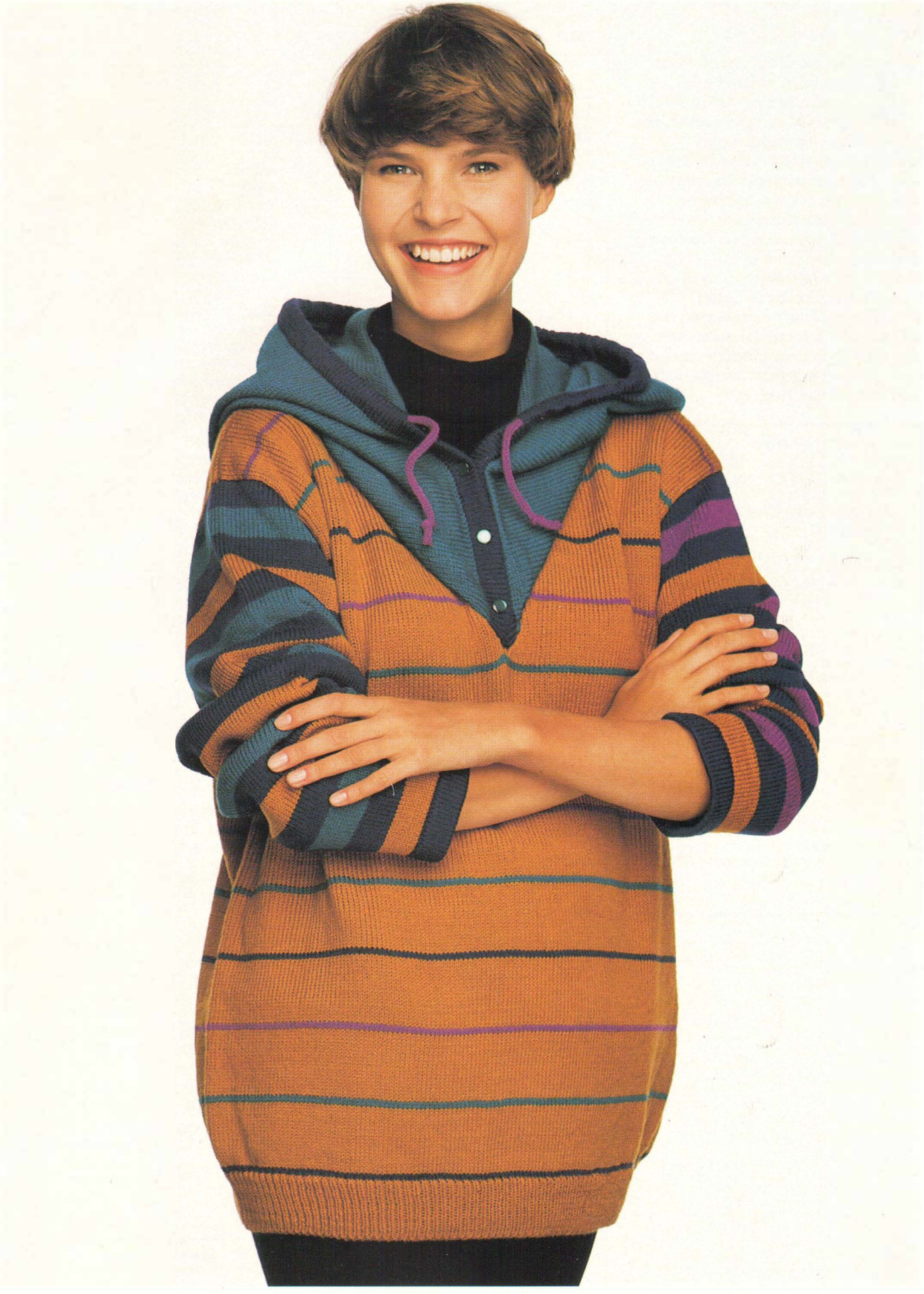




BACK:
Push 79(83)(87)(91) Ns at left and right of centre O to WP. 158(166)(174)(182) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 20 rows. Transfer sts to knitter.
RC 000. MT. Continue in stripe pattern A, knit to Row 154(160)(160)(166).
Shape Armholes
Shape as shown on diagram. 126(130)(134)(138) sts. Knit to Row 258(264)(270)(276).
Shape Back Neck and Shoulders
Note pos in pattern. Shape as shown on diagram to Row 264(270)(276)(282). Cast off rem 9(11)(10)(12) sts. Keeping pattern correct, knit left part as for right part.

FRONT:
Knit as for Back to Row 158(164)(170)(176).
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 258(264)(270)(276). 39(41)(43)(45) sts.
Shape Shoulder
Shape as shown on diagram to Row 264(270)(276)(282). Cast off rem 9(11)(10)(12) sts. Keeping pattern correct, knit left part as for right part.

Continued on page 37



LADY'S SUIT

This beautiful chunky suit has been knitted in a lovely, heavily textured chunky yarn. However, the yarn is also very lightweight making it perfect for this stylish suit. There are several different skirt lengths for you to choose from, so check the measurements on the diagram on page 37 before deciding which one to knit. This design was originally featured on Paton's handknitting leaflet no.4121, but we've converted the handknitting instructions so you can knit it on your chunky machine — much quicker than handknitting it, I'm sure you'll agree!

For 9mm Chunky Machines.

SIZES:
To fit 76-81(86-91)(91-101) cms/ 30-32(34-36)(38-40) inch bust.

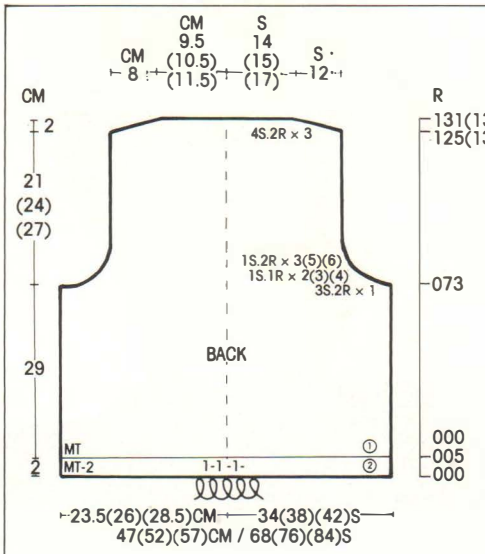
APPROXIMATE YARN TYPES AND AMOUNTS:
Jacket
Col 1 (shade 8552) — 7(9)(9) x 50 grm balls (Patons Juniper)
Col 2 (shade 8955) — 1(2)(2) x 50 grm balls (Patons Behive Soft Blend Aran)
11 buttons.

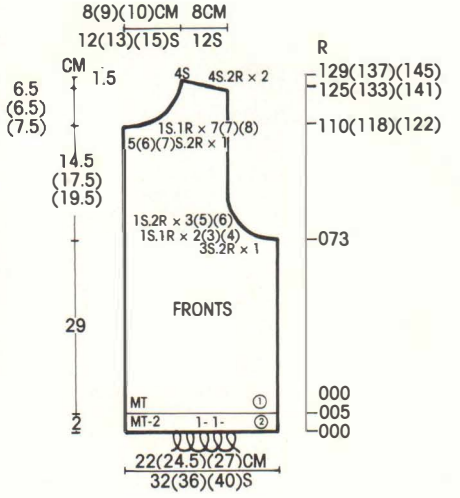
Long Skirt
Col 1 (shade 8552) — 6(7)(8) x 50 grm balls (Patons Juniper)
Elastic to fit waist.

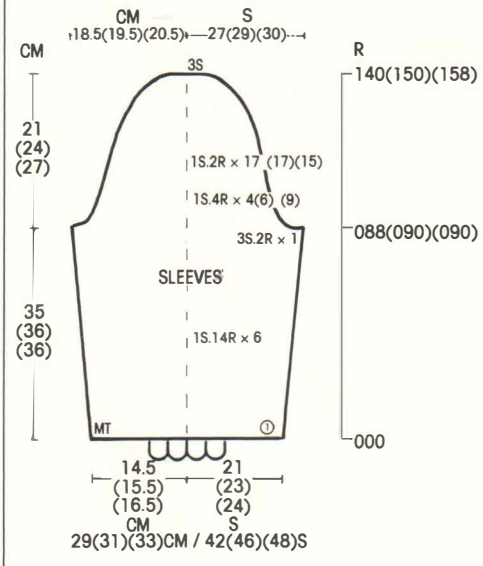
Short Skirt
Col 1 (shade 8552) — 5(6)(7) x 50 grm balls (Patons Juniper)
Elastic to fit waist.

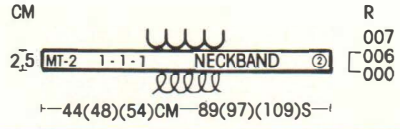
TENSIONS:
Stockinet (col 1) — 14.5 sts and 25 rows to 10 cms. TD at approx. 4 (MT)
K1P1 Rib (col 2) — 20 sts and 27 rows to 10 cms (slightly stretched). TD at approx. MT-1
K1P1 Rib (col 2) — 25 rows to 10 cms (measured over 7 sts). TD at approx. MT-2

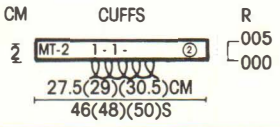
PATTERN NOTE:
Stockinet.











JACKET

BACK:
Push 34(38)(42) Ns at left and right of centre 0 to WP. 68(76)(84) Ns altog. Using col 2, cast on by hand. RC 000. MT-2, knit 5 rows. Drop ev alt st 5 rows down and pick up as for ribbing. RC 000. MT. Using col 1, knit to Row 73.
Shape Armholes
Shape as shown on diagram. 52(54)(58) sts. Knit to Row 125(133)(141).
Shape Shoulders
Shape as shown on diagram to Row 131(139)(147). Cast off rem 28(30)(34) sts.

RIGHT FRONT:
Push 32(36)(40) Ns to WP. Using col 2, cast on by hand. RC 000. MT-2, knit 5 rows. Drop ev alt st 5 rows down and pick up as for ribbing. RC 000. MT. Using col 1, knit to Row 73.
Shape Armhole
Shape as shown on diagram. 24(25)(27) sts. Knit to Row 110(118)(122).
Shape Neck
Shape as shown on diagram. 12 sts. Knit to Row 125(133)(141).
Shape Shoulder
Shape as shown on diagram to Row 129(137)(145). Cast off rem 4 sts.

LEFT FRONT:
Knit as for Right Front but in reverse.

SLEEVES:
Push 21(23)(24) Ns at left and right of centre 0 to WP. 42(46)(48) Ns altog. Using waste yarn cast on. RC 000. MT. Using col 1, shape as shown on diagram to Row 88(90)(90). 54(58)(60) sts.
Shape Top
Shape as shown on diagram to Row 140(150)(158). Cast off rem 6 sts.

CUFFS:
Push 46(48)(50) Ns to WP. Using col 2, cast on by hand. RC 000. MT-2, knit 5 rows. Drop ev alt st 5 rows down and pick up as for ribbing. With wrong side of sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. MT+2, knit 1 row. Cast off.

NECKBAND:
Push 89(97)(109) Ns to WP. Using col 2, cast on by hand. RC 000. MT-2, knit 6 rows. Drop ev alt st and pick up as for ribbing. Knit 1 row MT. Cast off with waste yarn.

Continued on page 36

Pattern 3

'BALLET' AND 'SPACE' APPLIQUÉD SWEATERS

These two sweaters feature some unusual appliquéd motifs which have been combined with suitable knitted motifs. Use this basic pattern to create your own individual designs – combining appliqués with knitted motifs, using appliqué motifs only or knitted motifs only. The motifs we've used are available at a specially reduced price to Modern Machine Knitting readers until May 31st, 1990.
Ballet Shoes – £7.25 + 75p p&p (save 70p)
Rocket & Planet – £10.95 + 75p p&p (save £1.30)
Available from The Finishing Touch, Dept MMK/RD, PO Box 59, Staines, Middlesex TW18 4JP.

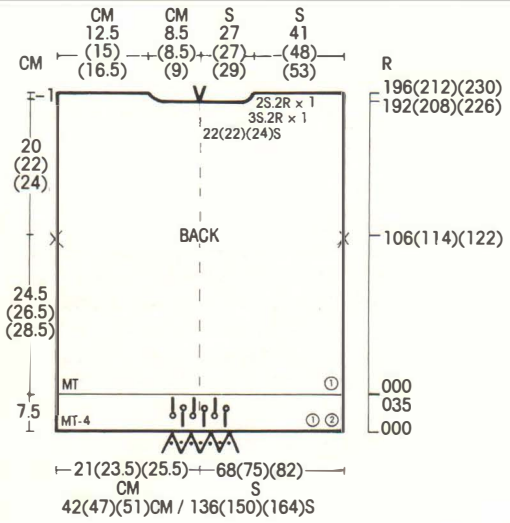
Ballet Sweater
For Standard Gauge Punchcard and Electronic Machines with Ribbing Attachment.
Knitted on Knitmaster Zippy Plus.
Space Sweater
For Electronic Machines with Ribbing Attachment.
Knitted on Knitmaster's 580 Designmaster Electronic.

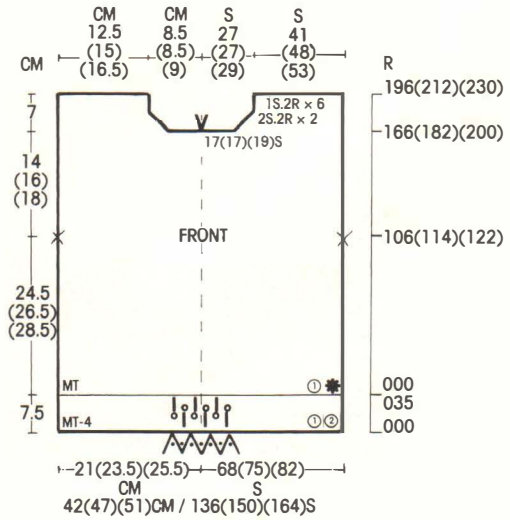
SIZES:
To fit 71(76)(81) cms/ 28(30)(32) inch chest.

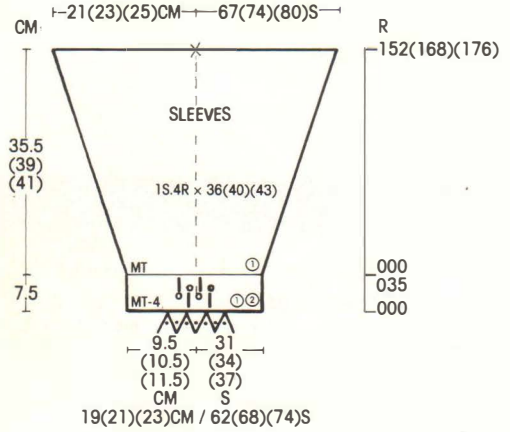
APPROXIMATE YARN TYPES AND AMOUNTS:
Forsell's 4ply Software
Ballet Sweater
Col 1 (Ivory shade 900) – 285 (330)(375) grms
Col 2 (Dusky Pink shade 945) – 15 grms
Ballet shoes with ribbon appliqué kit.
Space Sweater
Col 1 (Black shade 905) – 280 (325)(370) grms
Col 2 (Silver Grey shade 932) – 20 grms
Forsell's Shamal
Col 3 (Emerald shade 554) small amount
Space appliqué kit.

TENSIONS:
Stockinet – 32 sts and 43 rows to 10 cms. TD at approx. 8 (MT)
1 x 1 Rib – 48 rows to 10 cms. TD's at approx. MT-4

PATTERN NOTE:
Back and Sleeves – Stockinet.
Ballet Sweater Front – When RC shows 46, set machine to knit single motif over Ns 13-36 (punchcard machines), 15-29 (electronic machines), at right of centre 0. Work motif with col 1 in feeder 1 and col 2 in feeder 2 for 77 rows.
Space Sweater Front – When RC shows 02, set machine to knit single motif double width and double length. Work motif over centre 120 sts. With col 1 in feeder 1 and col 2 in feeder 2, knit 36 rows. Set machine to knit normal width and length. Work motif over centre 12 sts. With col 1 in feeder 1 and col 3 in feeder 2, knit 16 rows.







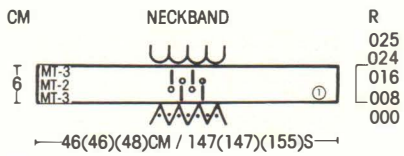
BACK:
Push 68(75)(82) Ns at left and right of centre 0 to WP. 136(150)(164) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 8 rows. Using col 2, knit 2 rows. Using col 1, knit 8 rows. Using col 2, knit 2 rows. Using col 1, knit 8 rows. Using col 2, knit 2 rows. Using col 1, knit 5 rows. RC 035. Transfer sts to knitter. RC 000. MT. Knit to Row 106(114)(122). Mark both ends with waste yarn. Knit to Row 192(208)(226).
Shape Back Neck
Shape as shown on diagram to Row 196(212)(230). Cast off rem 41 (48)(53) sts. Knit left part as for right part.

FRONT:
Knit as for Back to Row 166(182)(200). AT THE SAME TIME work single motif pattern as given in pattern note.
Shape Neck
Shape as shown on diagram. Knit to Row 196(212)(230). Cast off rem 41 (48)(53) sts. Knit left part as for right part.

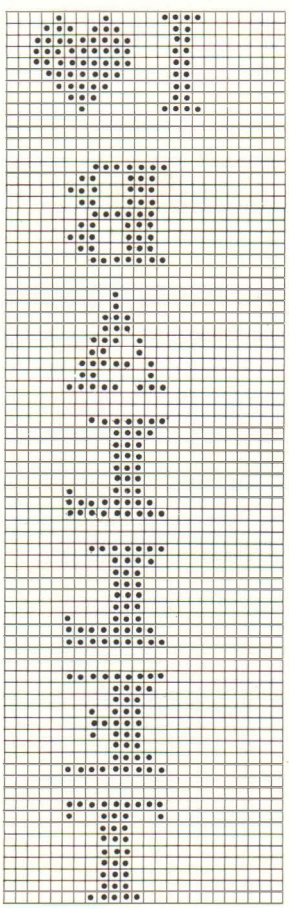
SLEEVES:
Push 31(34)(37) Ns at left and right of centre 0 to WP. 62(68)(74) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 8 rows. Using col 2, knit 2 rows. Using col 1, knit 8 rows. Using col 2, knit 2 rows. Using col 1, knit 8 rows. Using col 2, knit 2 rows. Using col 1, knit 5 rows. RC 035. Transfer sts to knitter. RC 000. MT. Shape as shown on diagram. 134(148)(160) sts. Knit to Row 152(168)(176). Mark centre with waste yarn. Cast off.

NECKBAND:
Arrange 147(147)(155) Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-3, knit 8 rows. MT-2, knit 8 rows. MT-3, knit 8 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

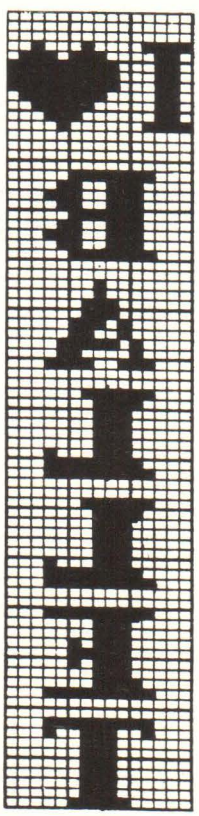
TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch neckband into pos and join centre back neck seam. Fold in half and catch down on the inside. Sew on appliqué.



Punchcard Chart



Electronic Chart



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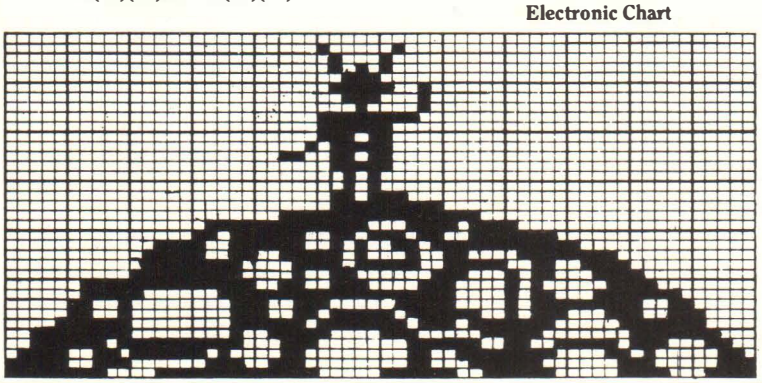


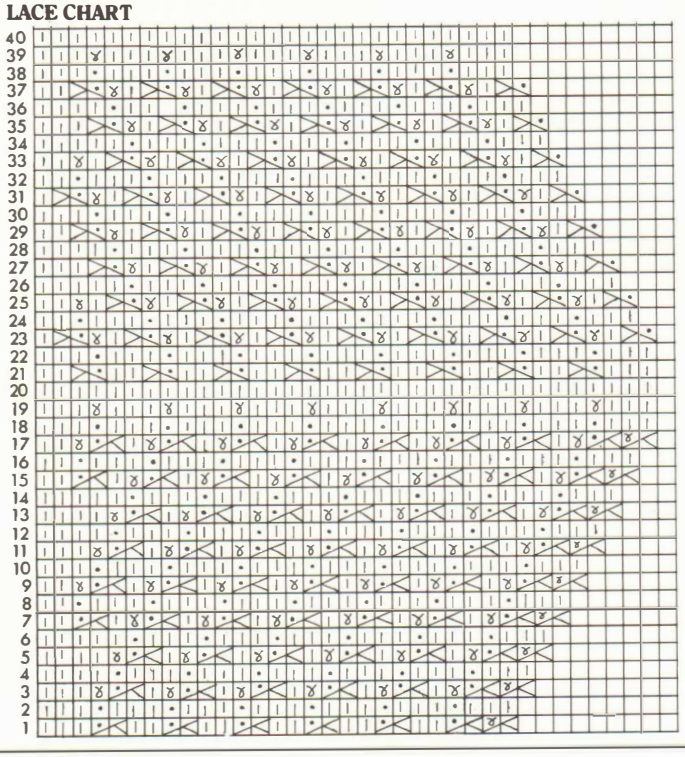
Pattern 1 *continued*

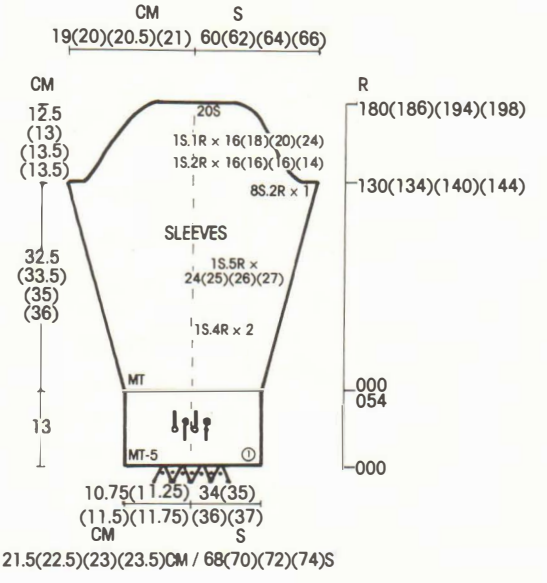
SLEEVES:
Push 34(35)(36)(37) Ns at left and right of centre O to WP. 68(70)(72)(74) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-5, knit 54 rows. Transfer sts to knitter. RC 000. MT. Shape as shown on diagram to Row 130(134)(140)(144). 120(124)(128)(132) sts.
Shape Top
Shape as shown on diagram to Row 180(186)(194)(198). Cast off rem 40 sts.

LACE COLLAR
Push 27 Ns to WP. Using waste yarn, cast on ending with carr at left. MT-1. Using col 2, knit 1 row. RC 000. Continue in lace pattern and shape as shown on lace chart. Rept the 40 rows 11 times in all. RC 440 Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder, side and sleeve seams. Set in sleeves. Backstitch through open loops of cast on edge of collar. Gather straight edge of collar and sew to neck edge with ends at centre front. Give final light steam.

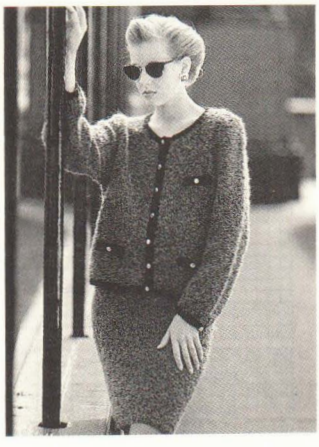
LACE CHART

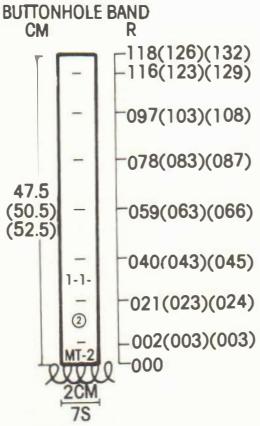


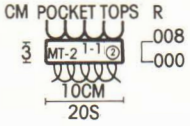


|	= *N in WP*	⟋	= *Transfer left hand st to right hand N leaving left hand N in NWP.*
•	= *N in NWP*	⟋	= *Transfer left hand st to right hand N and pick up loop below onto left hand N.*
⟋	= *Push N from NWP to WP*	⟍	= *Transfer right hand st to left hand N leaving right hand N in NWP.*

Pattern 3 *continued*





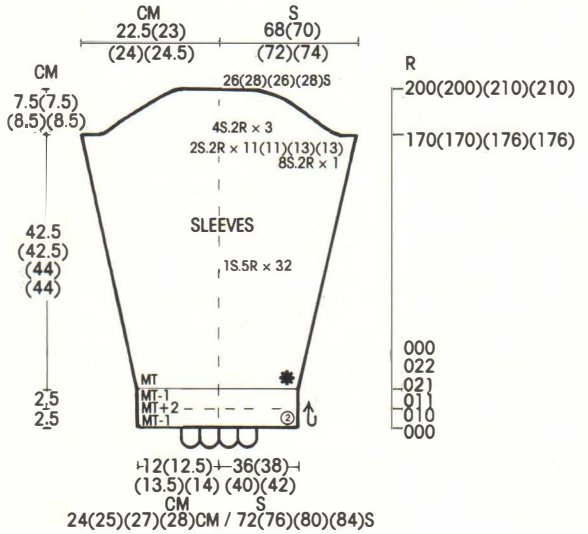


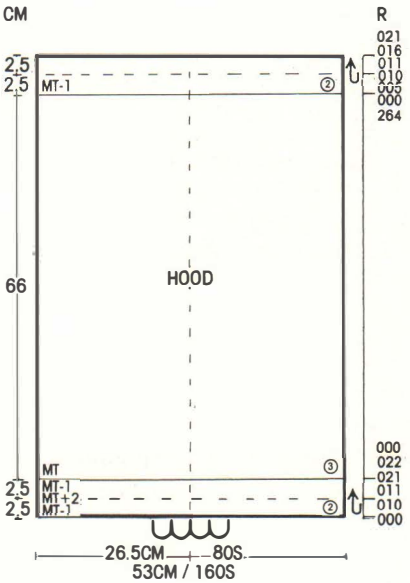
BUTTONHOLE BAND:
Push 7 Ns to WP. Using col 2, cast on by hand. RC 000. MT-2, knit to Row 2(3)(3). Drop ev alt st and pick up as for ribbing. Make a buttonhole over centre st. Continue to Row 118(126)(132), making buttonholes on Rows shown on diagram and dropping and reforming sts in between buttonholes. Cast off.

BUTTON BAND:
Knit as for Buttonhole Band but omit buttonholes.

POCKET TOPS:
Push 20 Ns to WP. Using col 2, cast on by hand. RC 000. MT-2, knit 8 rows. Drop ev alt st and pick up as for ribbing.
Cast off with waste yarn.

Pattern 2 *continued*





RIGHT SLEEVE:
Push 36(38)(40)(42) Ns at left and right of centre O to WP. 72(76)(80)(84) Ns altog. Using waste yarn cast on ending with carr at right. RC 000. MT-1. Using col 2, knit 10 rows. MT+2, knit 1 row. MT-1, knit 10 rows. Turn up a hem. MT, knit 1 row. RC 000. Continue in stripe pattern B, shape as shown on diagram to Row 170(170)(176)(176). 136(140)(144)(148) sts.
Shape Top
Shape as shown on diagram to Row 200(200)(210)(210). Cast off rem 52(56)(52)(56) sts.

LEFT SLEEVE:
Knit as for Right Sleeve using stripe pattern C instead of B.

HOOD:
Push 80 Ns at left and right of centre O to WP. 160 Ns altog. Using waste yarn cast on ending with carr at right. RC 000. MT-1. Using col 2, knit 10 rows. MT+2, knit 1 row. Using a length of waste yarn, knit sts 32 and 33 at left of centre O by hand for drawstring hole. MT-1, knit 10 rows. Make a hem. MT, knit 1 row. RC 000. Using col 3, knit to Row 264. RC 000. MT-1. Using col 2, knit 5 rows. Counting from left edge, make buttonholes over Ns 7,8,21,22,35 and 36. Knit 5 rows. MT+2, knit 1 row. Using a length of waste yarn, knit sts 32 and 33 at left of centre O by hand for drawstring hole. MT-1, knit 5 rows. Make buttonholes over same Ns as before. Knit 5 rows. Make a hem. Cast off loosely.

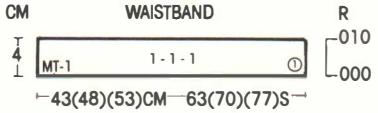
DRAWSTRING:
Push 4 Ns to WP. Using col 4, cast on by hand. MT-1. Knit a few rows. MT-4. Continue in circular cord knitting for approx. 100 cm. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder, side and sleeve seams. Set in sleeves. Sew one long edge of hood around neck edge with buttonholes on right front. Fold other long edge in half and join seam. Finish buttonholes and drawstring holes. Thread drawstring through edge of hood. Sew on buttons. Give final light steam.

Pattern 3 *continued*

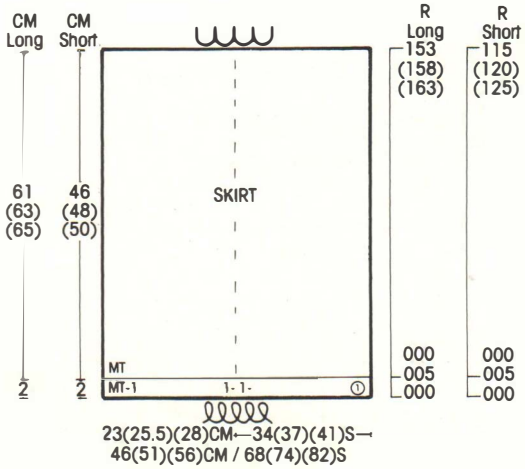
TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves. Join side and sleeve seams. Backstitch neckband into pos. Backstitch front bands into pos. Sew on buttons to correspond with buttonholes. Backstitch pocket tops into pos. Catch down ends of pocket tops. Sew buttons to sleeves and pocket tops.

SKIRT:
BACK AND FRONT ALIKE
Push 34(37)(41) Ns at left and right of centre O to WP. 68(74)(82) Ns altog. Using col 1, cast on by hand. RC 000. MT-1, knit 5 rows. Drop ev alt st 5 rows down and pick up as for ribbing. RC 000. MT. Knit to Row 153(158)(163) for Long Version, 115(120)(125) for Short Version. Cast off with waste yarn.



WAISTBAND:
Push 63(70)(77) Ns to WP. With wrong side facing, replace sts onto Ns decreasing evenly. RC 000. MT-1, knit 10 rows. Drop ev alt st 9 rows down and pick up as for ribbing. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join side seams. Cut elastic to fit waist, join in a ring and sew inside waist ribbing, using herringbone st over elastic to form a casing.



LADY'S FAIR ISLE SWEATER

This classic Fair Isle sweater is ideal for any time of year. As Summer draws nearer, you might like to knit it in one of the cotton style 4ply yarns, using bright primary colours or pale pastels. Later in the year, darker richer shades will return to your wardrobe and you'll be able to use the fashion colours of the moment. In fact, this classic design can be brought into fashion as each new season arrives simply by knitting it in the new season's colours.

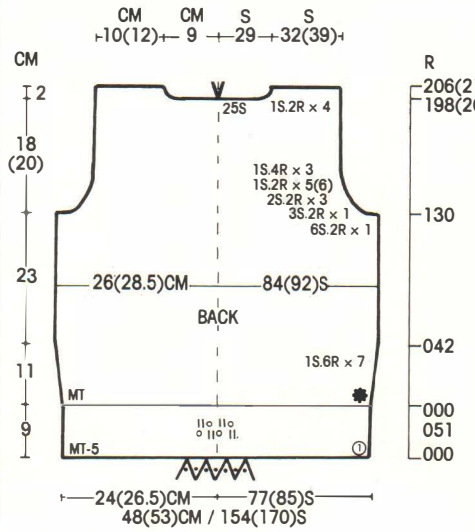
For Standard Gauge Punchcard and Electronic Machines with Ribbing Attachment.
Knitted on Knitmaster's Zippy de luxe.

SIZES:
To fit 81-86(91-96) cms/
32-34(36-38) inch bust.

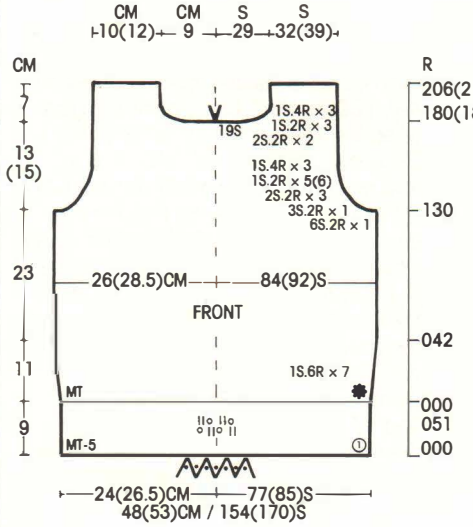
APPROXIMATE YARN TYPES AND AMOUNTS:
4ply wool
Col 1 (Dark Green) — 340(380) grms
Col 2 (Taupe) — 120(130) grms
Col 3 (Yellow) — 45(50) grms

TENSIONS:
Fair Isle — 32 sts and 38 rows to 10 cms. TD at approx. 7 (MT)
2 × 1 Rib — 56 rows to 10 cms. TD's at approx. MT-5

PATTERN NOTE:
Fair Isle — see chart.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 2 in feeder 2, knit 5 rows.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 2 rows.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 2 in feeder 2, knit 7 rows.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 2 rows.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 2 in feeder 2, knit 7 rows.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 2 rows.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 2 in feeder 2, knit 6 rows.
Col 1 i n feeder 1, Col 3 in feeder 2, knit 2 rows.
Col 1 in feeder 1, Col 2 in feeder 2, knit 6 rows.
Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 2 rows.

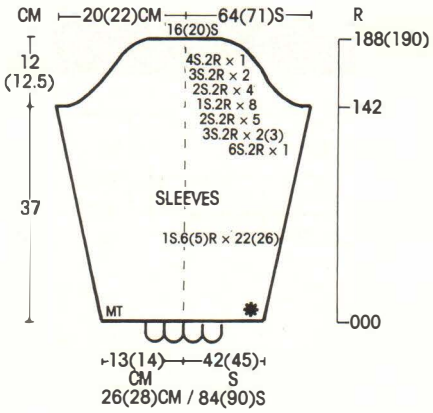


BACK:
Push 77(85) Ns at left and right of centre O to WP. 154(170) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 51 rows. Transfer sts to knitter. RC 000. MT. Continue in Fair Isle pattern and shape as shown on diagram. 168(184) sts.
Knit to Row 130.
Shape Armholes
Shape as shown on diagram. 122(136) sts. Knit to Row 198(206).
Shape Back Neck
Note pos in pattern. Shape as shown on diagram to Row 206(214). Cast off rem 32(39) sts. Keeping pattern correct, knit left part as for right part.



FRONT:
Knit as for Back to Row 180(188).
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 206(214). Cast off rem 32(39) sts. Keeping pattern correct, knit left part as for right part.

SLEEVES:
Push 42(45) Ns at left and right of centre O to WP. 84(90) Ns altog. Using waste yarn, cast on. RC 000. MT. Continue in Fair Isle pattern and shape as shown on diagram. 128(142) sts. Knit to Row 142.
Shape Top
Shape as shown on diagram to Row 188(190). Cast off rem 32(40) sts.

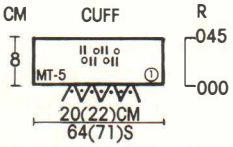


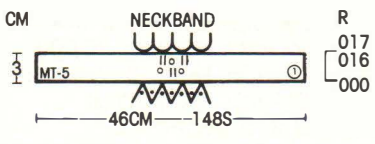
CUFFS:
Arrange 64(71) Ns for 2 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 45 rows. Transfer sts to knitter. With wrong side of Sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row MT. Cast off.

NECKBAND:
Arrange 148 Ns for 2 × 1 rib. Using col 1, cast on. RC 000. MT-5, knit 16 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder, side and sleeve seams. Set in sleeves. Backstitch neckband into pos and join centre back seam. Give final light steam.

Continued on page 45





Pattern 6

MAN'S TUCK STITCH SWEATER

This sweater shows quite an unusual use of tuck stitch. We tend to associate tuck stitch with a textured pattern on the purl side of the fabric. However, in this case, tuck stitch has been used to create vertical stripes on the plain side of the fabric rather than texture on the purl side. Try knitting a small piece of this fabric so you can see exactly how this unusual fabric has been created. And, don't restrict yourself to knitting this for a man — knit one for yourself, too.

For Standard Gauge Punchcard and Electronic Machines with Ribbing Attachment. Knitted on Knitmaster Zippy de luxe.

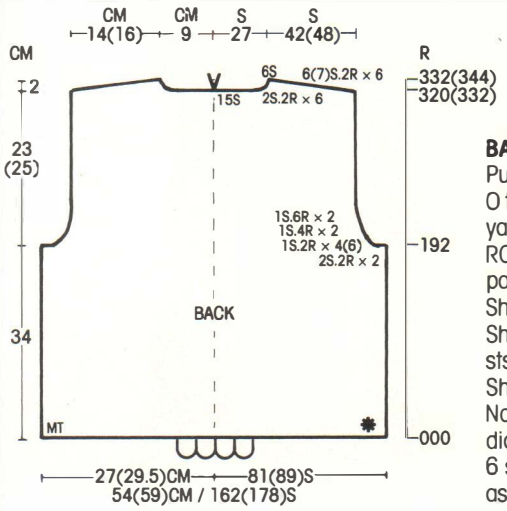
SIZES:
To fit 91-96(101-106) cms/ 36-38 (40-42) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
100% Acrylic Cotton Look
Col 1 (White) — 320(370) grms
Col 2 (Blue) — 160(175) grms

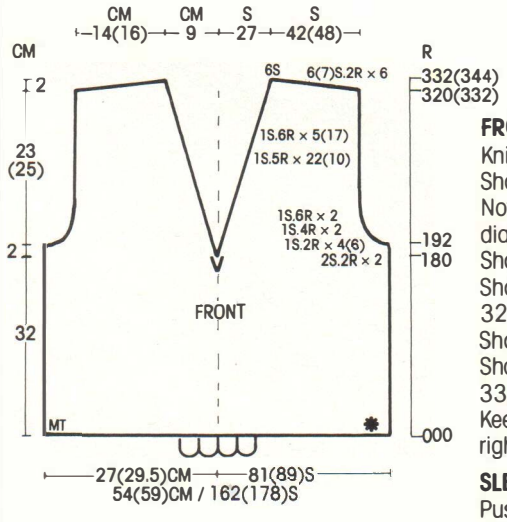
TENSIONS:
Tuck Stitch — 30 sts and 56 rows to 10 cms. TD at approx. 6 (MT)
2 × 2 Rib (2 × 1 needle arrangement) — 57 rows to 10 cms. TD's at approx. MT-3

PATTERN NOTE:
Tuck Stitch — see charts.
Electronic Machines — Needle 1 cam between Ns 12 and 13.

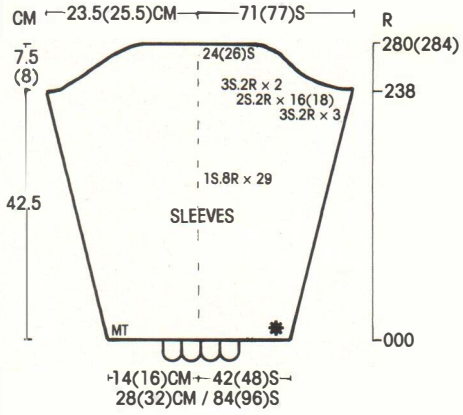
Tuck Stitch Pattern — knit 2 rows col 2 and 4 rows col 1.



BACK:
Push 81(89) Ns at left and right of centre 0 to WP. 162(178) Ns altog. Using waste yarn, cast on ending with carr at right. RC 000. MT. Continue in tuck stitch pattern. Knit to Row 192.
Shape Armholes
Shape as shown on diagram. 138(150) sts. Knit to Row 320(332).
Shape Back Neck and Shoulders
Note pos in pattern. Shape as shown on diagram to Row 332(344). Cast off rem 6 sts. Keeping pattern correct, knit left part as for right part.

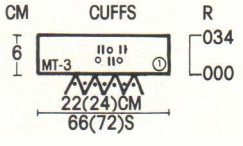


FRONT:
Knit as for Back to Row 180.
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 192.
Shape Armhole
Shape as shown on diagram to Row 320(332). 42(48) sts.
Shape Shoulder
Shape as shown on diagram to Row 332(344). Cast off rem 6 sts.
Keeping pattern correct, knit left part as for right part.

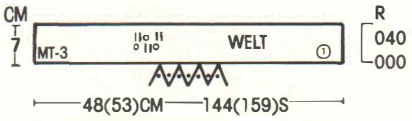


SLEEVES:
Push 42(48) Ns at left and right of centre 0 to WP. 84(96) Ns altog. Using waste yarn cast on ending with carr at right. RC 000. MT. Continue in tuck stitch pattern. Shape as shown on diagram to Row 238. 142(154) sts.
Shape Top
Shape as shown on diagram to Row 280(284). Cast off rem 48(52) sts.

WELTS:
Push 144(159) Ns on both beds to WP. Arrange Ns for 2 × 2 rib (2 × 1 needle arrangement). Using col 1, cast on and knit circular rows in reverse. RC 000. MT-3, knit 40 rows. Transfer sts to knitter. With wrong side of back facing, pick up sts from below waste yarn and place onto Ns gathering evenly. MT+1, knit 1 row. Cast off. Rept for Front.



CUFFS:
Push 66(72) Ns on both beds to WP. Arrange Ns for 2 × 2 rib (2 × 1 needle arrangement). Using col 1, cast on and knit circular rows in reverse. RC 000. MT-3, knit 34 rows. Transfer sts to knitter. With wrong side of sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. MT+1, knit 1 row. Cast off.



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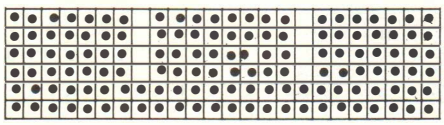
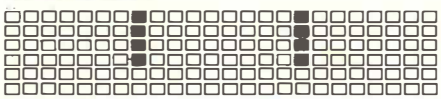
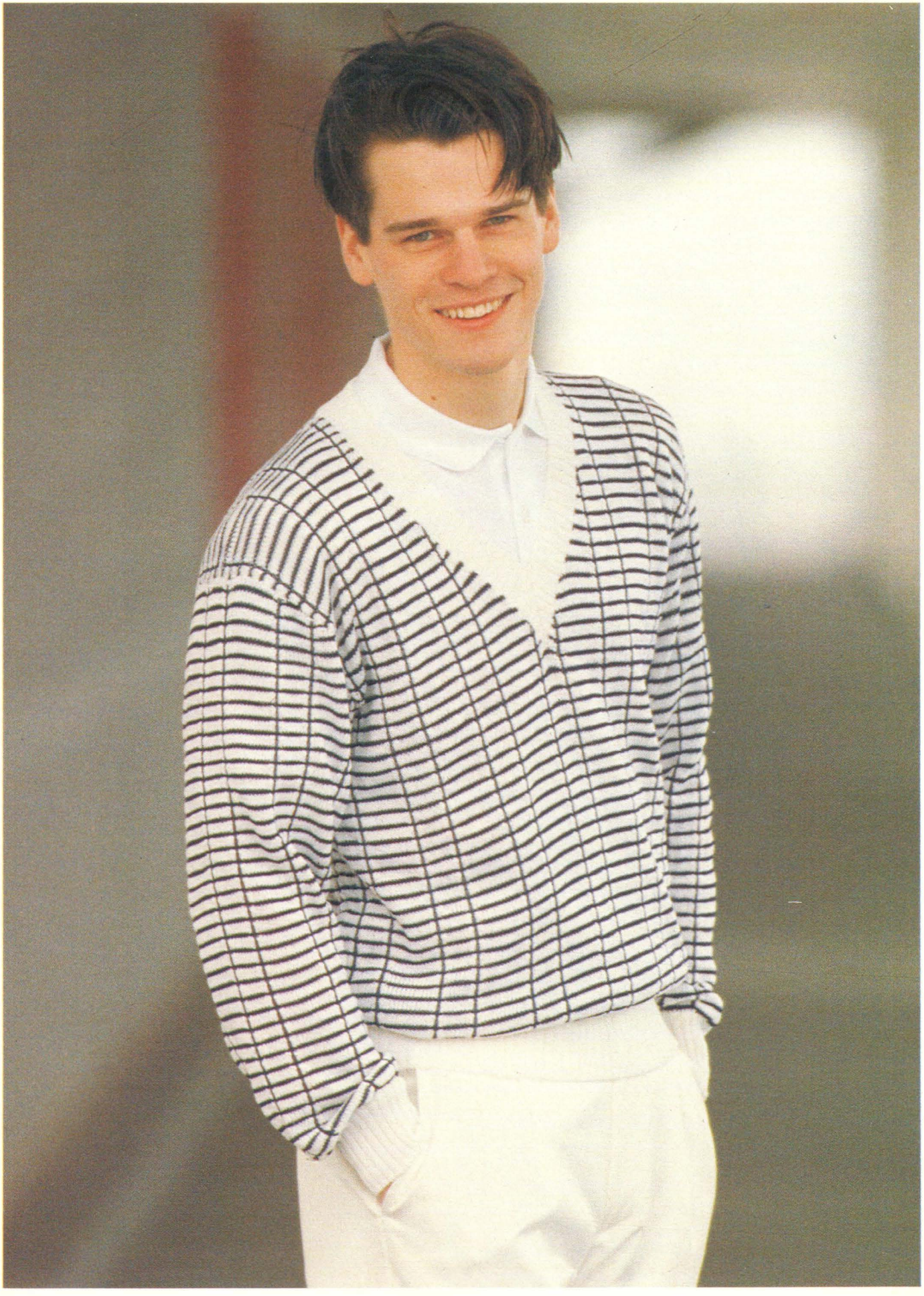
Punchcard Chart



Electronic Chart



Pattern 7



Pattern 8

PUNCH LACE SUIT

Punch Lace is so often neglected but, as you can see, it can be very effective. When you knit punch lace, a thick and a thin yarn are used — a 4ply and a sewing cotton here. The thin yarn knits on its own in the appropriate places to create a lace effect and knits together with the thicker yarn in the plain sections. Therefore, if you use two different colours, an interesting two tone effect is created. Try knitting some samples of punch lace, combining oddments of 4ply yarns you have with a variety of different coloured sewing threads.

For Standard Gauge Punchcard and Electronic Machines with Ribbing Attachment.

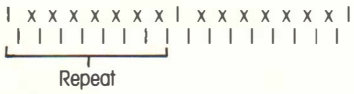
Knitted on Knitmaster's Zippy De Luxe.

SIZES:
To fit 81-86(91-96) cms/32-34 (36-38) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Top
Col 1 (Wine) — 380(430) grms (4ply yarn)
Col 2 (Black) — approx 2,000 metres sewing cotton.
Skirt
Col 1 (Wine) — 380(420) grms (4ply yarn)
Col 2 (Black) — approx 1,500 metres sewing cotton
Elastic to fit waist; shoulder pads.

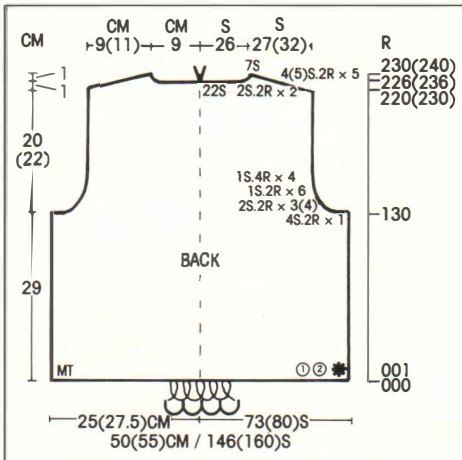
TENSIONS:
Punch Lace Pattern — 29 sts and 45 rows to 10 cms. TD at approx. 6 (MT)
Stockinet — 31 sts and 45 rows to 10 cms. TD at approx. MT (using col 1 and col 2).
Rib Pattern — 32 sts and 46 rows to 10 cms. TD at approx. MT on knitter and MT+1 or ribber (using col 1 and col 2).

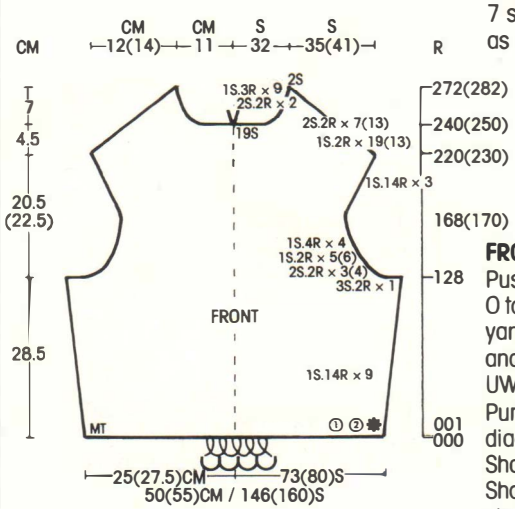
PATTERN NOTE:
Punch Lace Pattern — see chart. Col 1 in feeder 1, Col 2 in feeder 2.
Stockinet — Col 1 and col 2 tog.
Rib Pattern — Needle Arrangement.

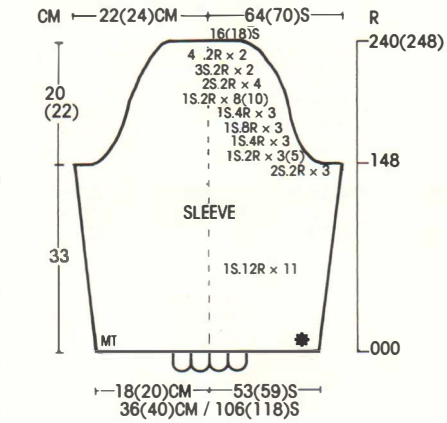


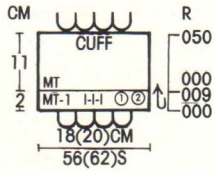
I = Ns in WP
x = Ns in NWP

Use P carriage to push up ribber Ns.









TOP

BACK:
Push 73(80) Ns at left and right of centre O to WP. 146(160) Ns altog. Using waste yarn cast on. Push Ns to HP. Using col 1 and col 2 tog, cast on by hand. Push Ns to UWP. RC 000. MT. Knit 1 row. Continue in Punch Lace Pattern. Knit to Row 130.
Shape Armholes
Shape as shown on diagram. 106(116) sts. Knit to Row 220(230).
Shape Shoulders
Shape as shown on diagram to Row 226(236).
Shape Back Neck
Note pos in pattern. Shape as shown on diagram to Row 230(240). Cast off rem 7 sts. Keeping pattern correct, knit left part as for right part.

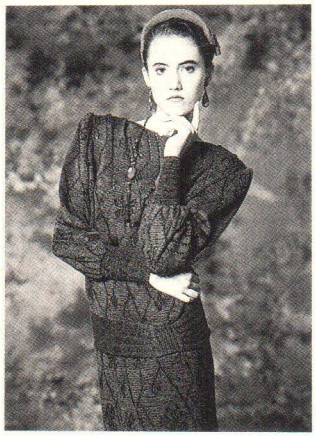
FRONT:
Push 73(80) Ns at left and right of centre O to WP. 146(160) Ns altog. Using waste yarn, cast on. Push Ns to HP. Using col 1 and col 2 tog, cast on by hand. Push Ns to UWP. RC 000. MT. Knit 1 row. Continue in Punch Lace Pattern. Shape as shown on diagram. 164(178) sts. Knit to Row 128.
Shape Armholes
Shape as shown on diagram. 128(140) sts. Knit to Row 168(170). Shape as shown on diagram. 134(146) sts. Knit to Row 220(230).
Shape Shoulders
Shape as shown on diagram to Row 240(250).
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 272(282). Cast off rem 2 sts. Keeping pattern correct, knit left part as for right part.

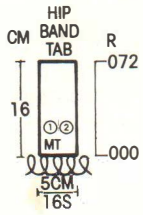
SLEEVES:
Push 53(59) Ns at left and right of centre O to WP. 106(118) Ns altog. Using waste yarn, cast on. RC 000. MT. Continue in punch lace pattern. Shape as shown on diagram. 128(140) sts. Knit to Row 148.
Shape Top
Shape as shown on diagram to Row 240(248). Cast off rem 32(36) sts.

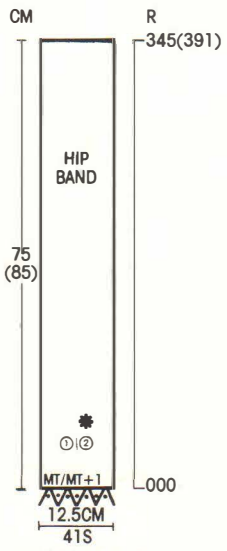
CUFFS:
Push 56(62) Ns to WP. Arrange Ns for 1 x 1 mock rib. Using waste yarn cast on. RC 000. MT-1. Using col 1 and col 2 tog, knit 9 rows. Turn up a hem. RC 000. MT. Knit to Row 50. Cast off with waste yarn leaving Ns in WP. With right side facing, replace sts onto Ns. With wrong side of Sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row. Cast off.

Continued overleaf

Pattern 8 *continued*



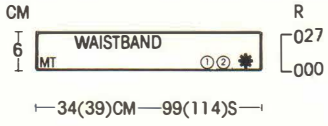


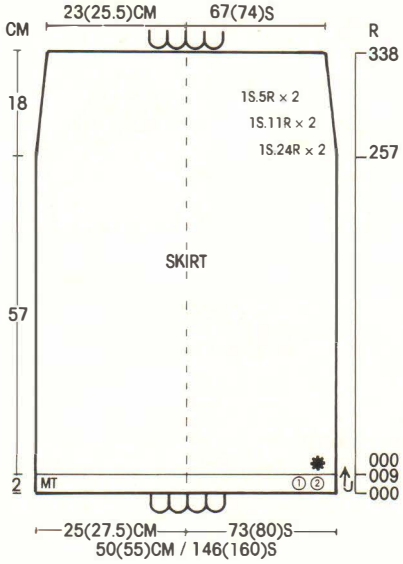


HIPBAND:
Arrange 41 Ns for double rib. MT-4. Using col 1 and col 2 tog, cast on. Transfer sts following needle arrangement. RC 000. MT on knitter and MT+1 on ribber. Knit to Row 345(391). Cast off.

HIPBAND TAB:
Push 16 Ns to WP. Using col 1 and col 2 tog, cast on by hand. RC 000. MT. Knit to Row 72. Cast off.

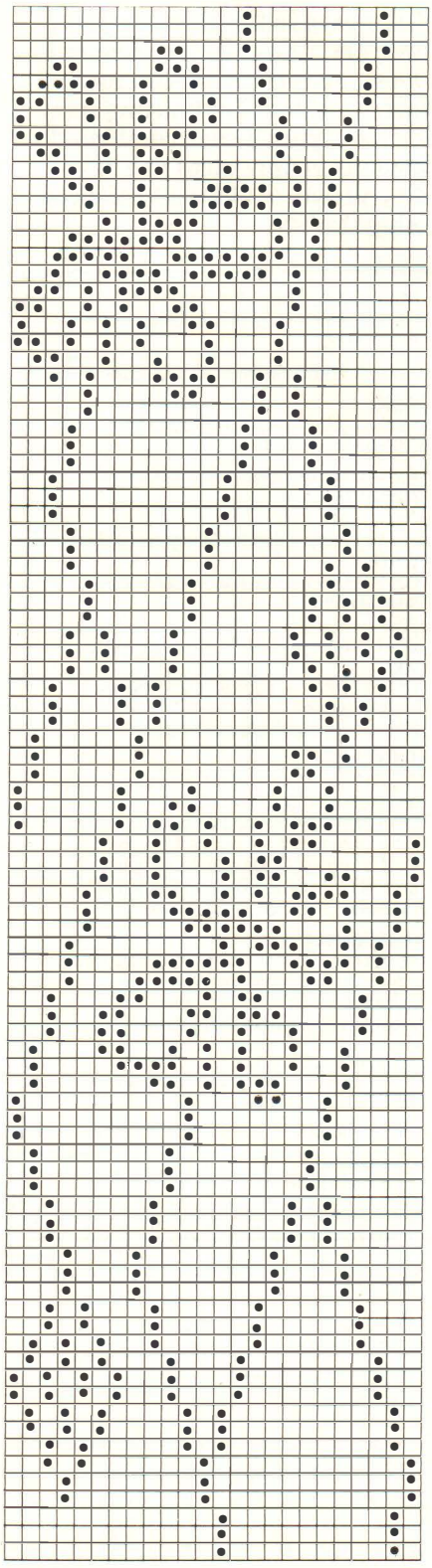
TO MAKE UP:
Pin out to size and steam carefully. Pleat front shoulders. Join shoulder, side and sleeve seams. Set in sleeves gathering tops. Join hip band seam. Wrap hipband tab around hipband, covering seam and join at top. Join band and tab to lower edge with front edge of tab approx. 10cm



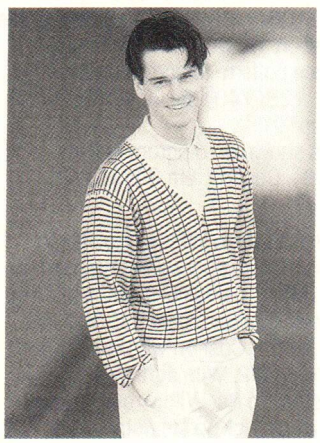


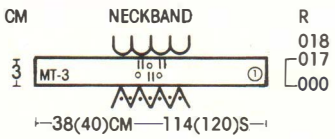
from centre front. Sew in shoulder pads. With right side facing, work 1 row of single crochet around neckedge. With wrong side facing, work a second row. Give final light steam.

SKIRT
BACK AND FRONT ALIKE:
Push 73(80) Ns at left and right of centre O to WP. 146(160) Ns altog. Using waste yarn, cast on. RC 000. MT. Using col 1



Pattern 7 *continued*





NECKBAND (2 pieces):
Push 114(120) Ns on both beds to WP. Arrange Ns for 2 x 2 rib (2 x 1 needle arrangement). Using col 1, cast on. RC 000. MT-3, knit 17 rows. Transfer sts to knitter. MT+1, knit 1 row. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder, side and sleeve seams. Set in sleeves. Backstitch neckband into pos and join centre back seam. Mitre centre front. Give final light steam.

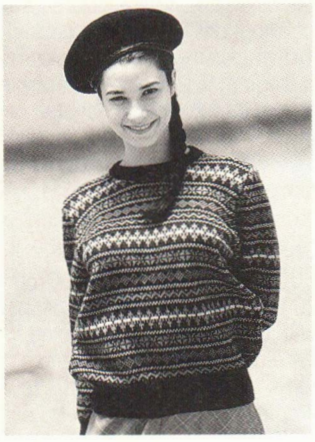
Pattern 8 *continued*

and col 2 tog, knit 9 rows. Turn up a hem. RC 000. MT. Continue in punch lace pattern. Knit to Row 257. Shape as shown on diagram to Row 338. 134(148) sts. Cast off with waste yarn.

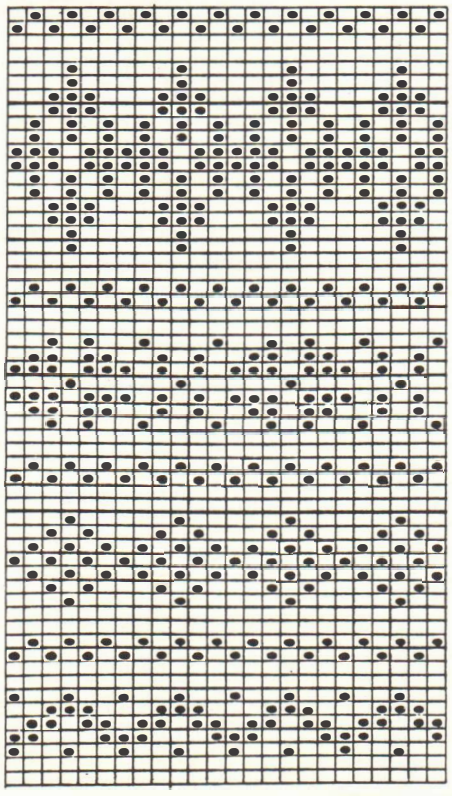
WAISTBAND (2 pieces):
Push 99(114) Ns to WP. With wrong side facing, pick up sts from below waste yarn and place onto Ns gathering evenly. RC 000. MT. Continue in punch lace pattern, knit 27 rows. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join side seams. Fold waistband in half to inside and catch down leaving an opening for elastic. Insert elastic and join ends. Close opening. Give final light steam.

Pattern 6 *continued*



Punchcard Chart



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Pattern 9

FLORAL SWEATER

This beautiful sweater was originally featured on Paton's handknitting leaflet no.4113, but we've converted the handknitting instructions so you can knit it on your chunky machine. The contrast between the rich chenille yarns and the cream wool, illustrates beautifully how much more effective a textured yarn can be when it's used with a plain yarn.

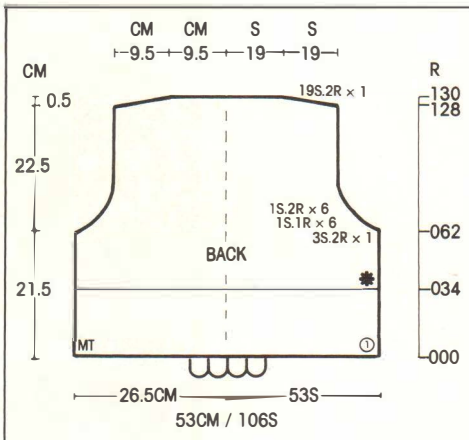
For 9mm Chunky Machines with Intarsia Carriage.

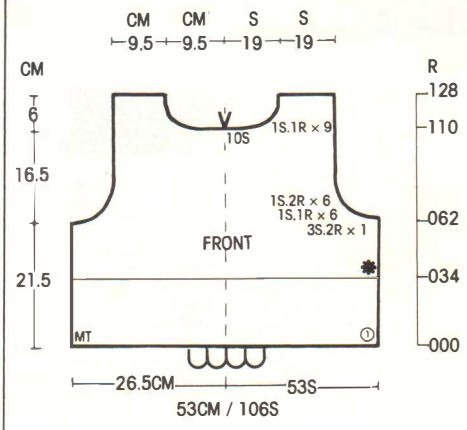
SIZE:
To fit 86-96 cms/34-38 inch bust.

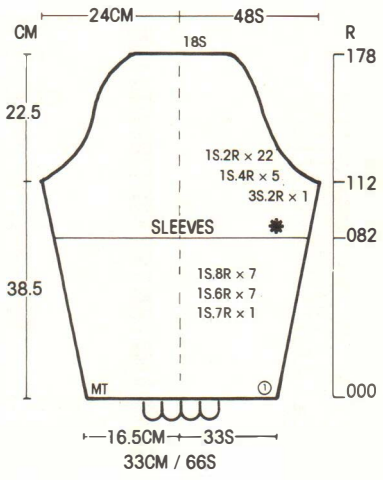
APPROXIMATE YARN TYPES AND AMOUNTS:
Col 1 (shade 6515) — 10 x 50 grm balls (Patons Pure Wool Crepe DK)
Col 2 (shade 8494) — 2 x 50 grm balls (Patons Chenille)
Col 3 (shade 8491) — 2 x 50 grm balls (Patons Chenille)
Col 4 (shade 8489) — 1 x 50 grm ball (Patons Chenille)
Col 5 (shade 8490) — 2 x 50 grm balls (Patons Chenille).

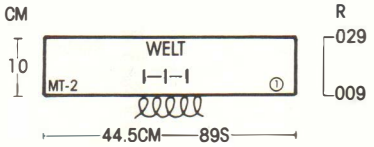
TENSIONS:
Stockinet — 20 sts and 29 rows to 10 cms. TD at approx. 2 (MT).

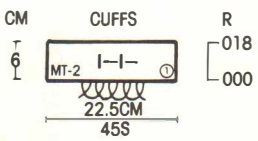
PATTERN NOTE:
Intarsia — follow chart.

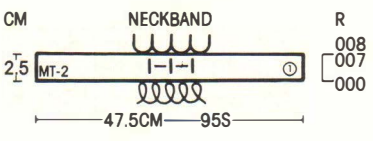












BACK:
Push 53 Ns at left and right of centre O to WP. 106 Ns altog. Using waste yarn cast on. RC 000. MT. Using col 1, knit to Row 34. Continue in Intarsia Pattern A, knit to Row 62.
Shape Armholes
Shape as shown on diagram. 76 sts. Knit to Row 128.
Shape Shoulders
Shape as shown on diagram to Row 130. Cast off rem 38 sts.

FRONT:
Knit as for Back to Row 110.
Shape Neck
Shape as shown on diagram to Row 128. Cast off rem 19 sts.
Knit left part as for right part.

SLEEVES:
Push 33 Ns at left and right of centre O to WP. 66 Ns altog. Using waste yarn cast on. RC 000. MT. Using col 1, shape as shown on diagram to Row 82. Continue in Intarsia Pattern B to Row 112. 96 sts.
Shape Top
Shape as shown on diagram to Row 178. Cast off rem 36 sts.

WELTS:
Push 89 Ns to WP. Using col 1, cast on by hand. RC 000. MT-2, knit 29 rows. Drop ev alt st 29 rows down and pick up as for ribbing. With wrong side of Back facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row. Cast off. Rept for front.

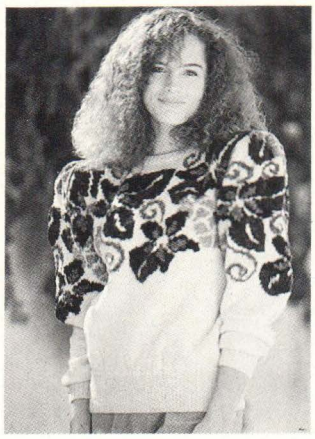
CUFFS:
Push 45 Ns to WP. Using col 1, cast on by hand. RC 000. MT-2, knit 18 rows. Drop ev alt st 18 rows down and pick up as for ribbing. With wrong side of Sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row. Cast off.

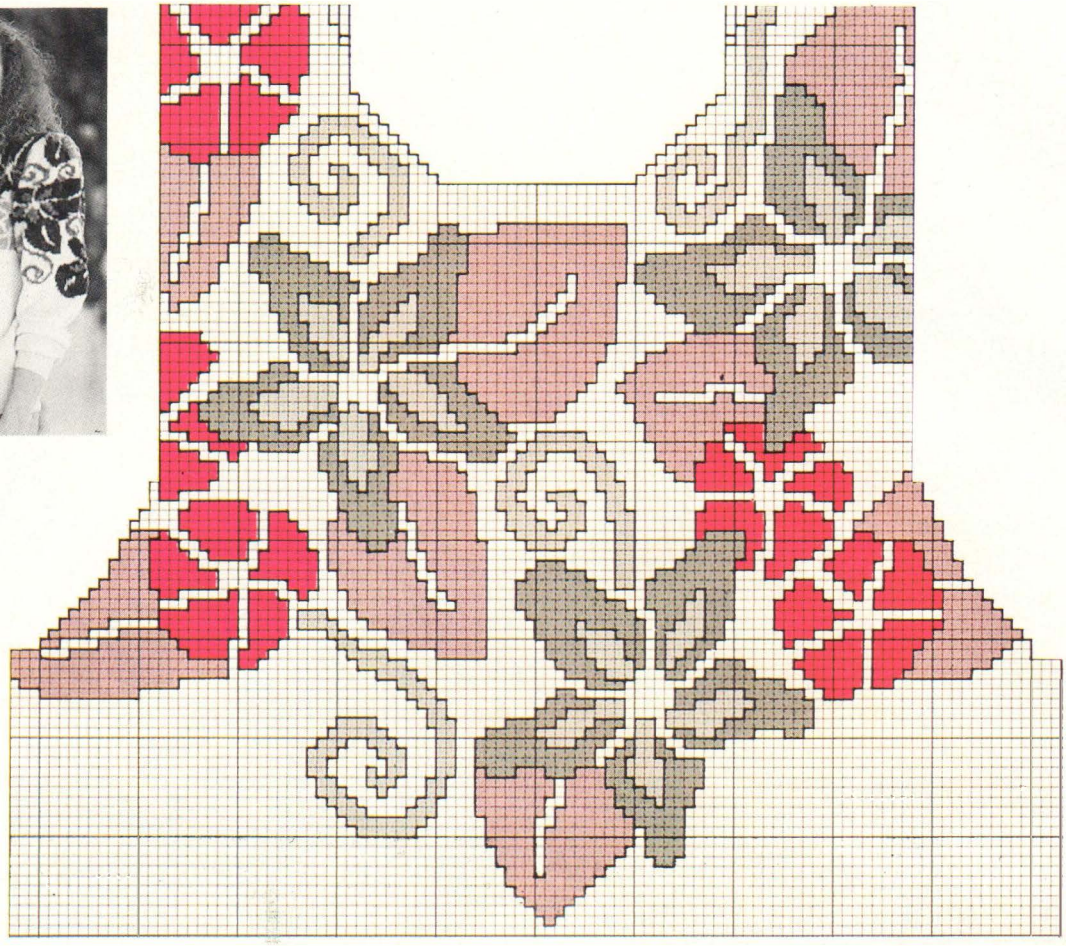
NECKBAND:
Push 95 Ns to WP. Using col 1, cast on by hand. RC 000. MT-2, knit 7 rows. Drop ev alt st 7 rows down and pick up as for ribbing. Knit 1 row. Cast off with waste yarn.

TO MAKE UP:
Join shoulder, side and sleeve seams. Set in sleeves, pleating tops. Backstitch neckband into pos and join centre back seam.

Continued on page 48

Pattern 9





KEY

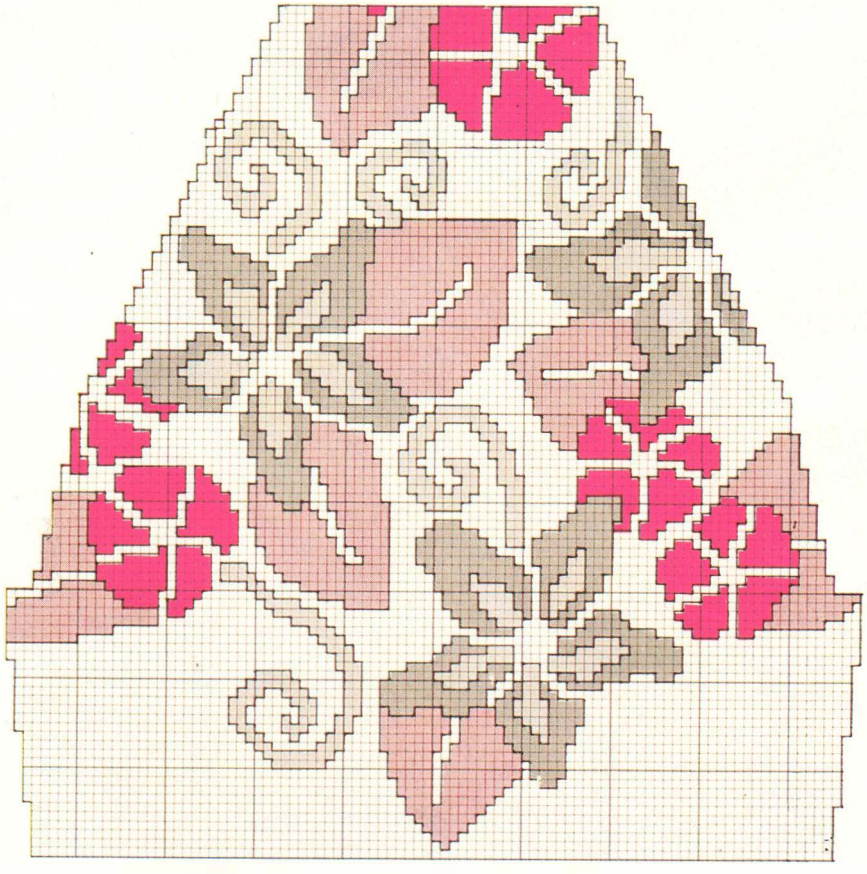
Col 1

Col 2

Col 3

Col 4

Col 5



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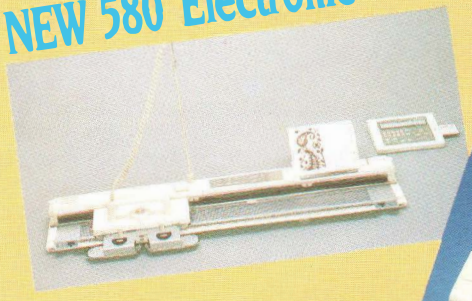

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Zippy de Luxe

LC2 Lace Carriage

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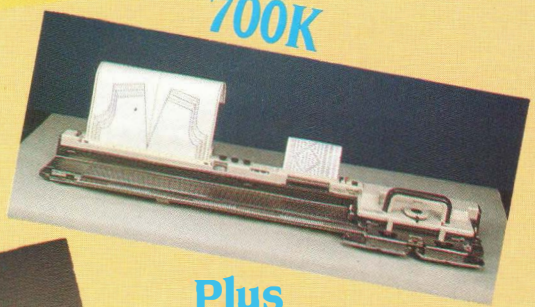

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Pattern 10

SWEATER WITH LACE BORDERS

This pretty little top with its hand transferred lace borders was designed and knitted by Jane Lawson of Nottingham Polytechnic. Jane is one of a group of Fashion and Textile students who have been sponsored by Knitmaster to produce a collection of designs on Knitmaster knitting machines and we'll be featuring more of their designs in the coming months.

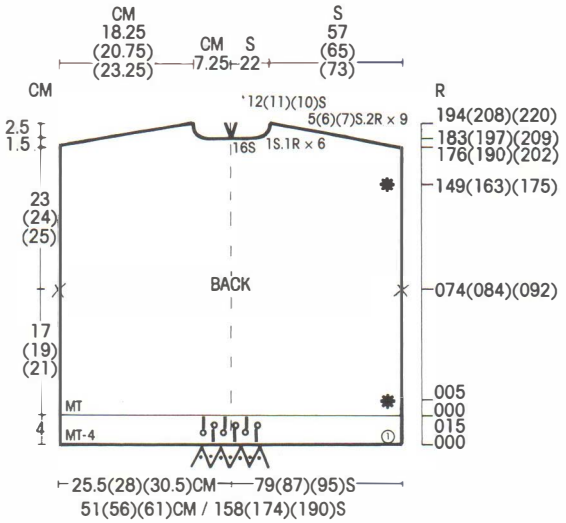
For Standard Gauge Machines with Ribbing Attachment.
Knitted on Knitmaster's 700.

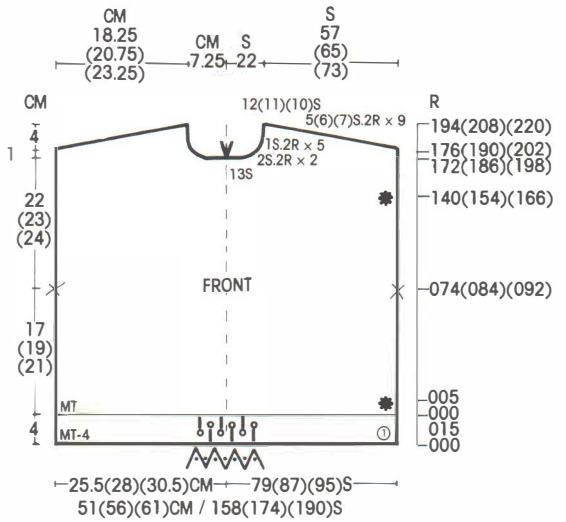
SIZES:
To fit 81-86(91-96)(101-106) cms/32-34(36-38)(40-42) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Knitmaster Kone 4ply
Col 1 (Fashion Flip) — 230(260)(290) grms.

TENSIONS:
Stockinet — 31 sts and 44 rows to 10 cms.
TD at approx. 6 (MT).

PATTERN NOTE:
Stockinet with hand transfer lace borders — see charts.

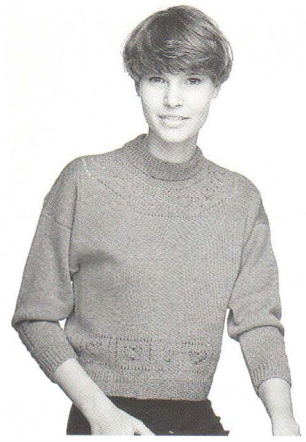


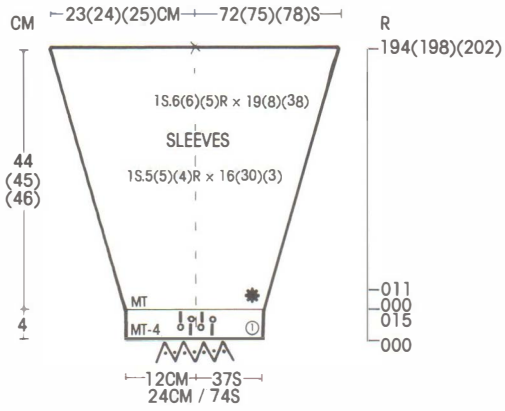


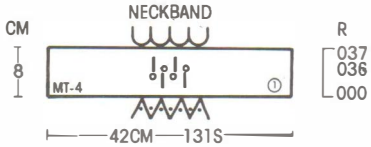
BACK:
Push 79(87)(95) Ns at left and right of centre O to WP. 158(174)(190) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-4, knit 15 rows. Transfer sts to knitter. RC 000. MT. Knit 5 rows. Continue in hand transfer lace pattern following chart A. Knit 25 rows. Continue in stockinet col 1. Knit to Row 74(84)(92). Mark both ends with waste yarn. Knit to Row 149(163)(175). Continue in hand transfer lace pattern following chart B. Knit to Row 176(190)(202). Carr at right.
Shape Shoulders
Shape as shown on diagram to Row 183(197)(209). Carr at left.
Shape Back Neck
Note pos in pattern. Shape as shown on diagram to Row 194(208)(220). Cast off rem 12(11)(10) sts. Keeping pattern correct, knit right part as for left part.

FRONT:
Knit as for Back to Row 140(154)(166). Continue in hand transfer lace pattern following chart C. Knit to Row 172(186)(198).
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 176(190)(202).
Shape Shoulder
Shape as shown on diagram to Row 194(208)(220). Cast off rem 12(11)(10) sts. Keeping pattern correct, knit left part as for right part.

Continued overleaf







SLEEVES:
Push 37 Ns at left and right of centre O to WP. 74 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-4, knit 15 rows. Transfer sts to knitter. RC 000. MT. Shape as shown on diagram, AT THE SAME TIME when RC shows 11 work hand transfer lace pattern following chart A over 11 Ns at left and 10 Ns at right of centre O. 144(150)(156) sts. Knit to Row 194(198)(202). Mark centre with waste yarn. Cast off.

NECKBAND:
Arrange 131 Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-4, knit 36 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch neckband into pos and join centre back neck seam. Fold in half and catch down on the inside. Give final light steam.

CHART C

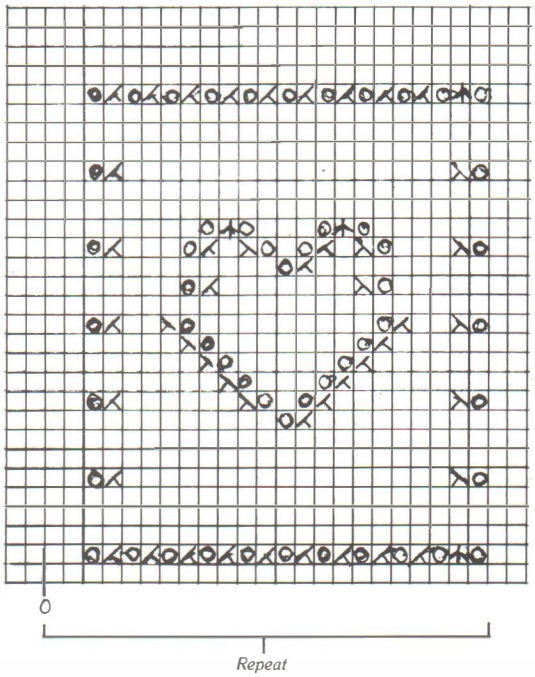


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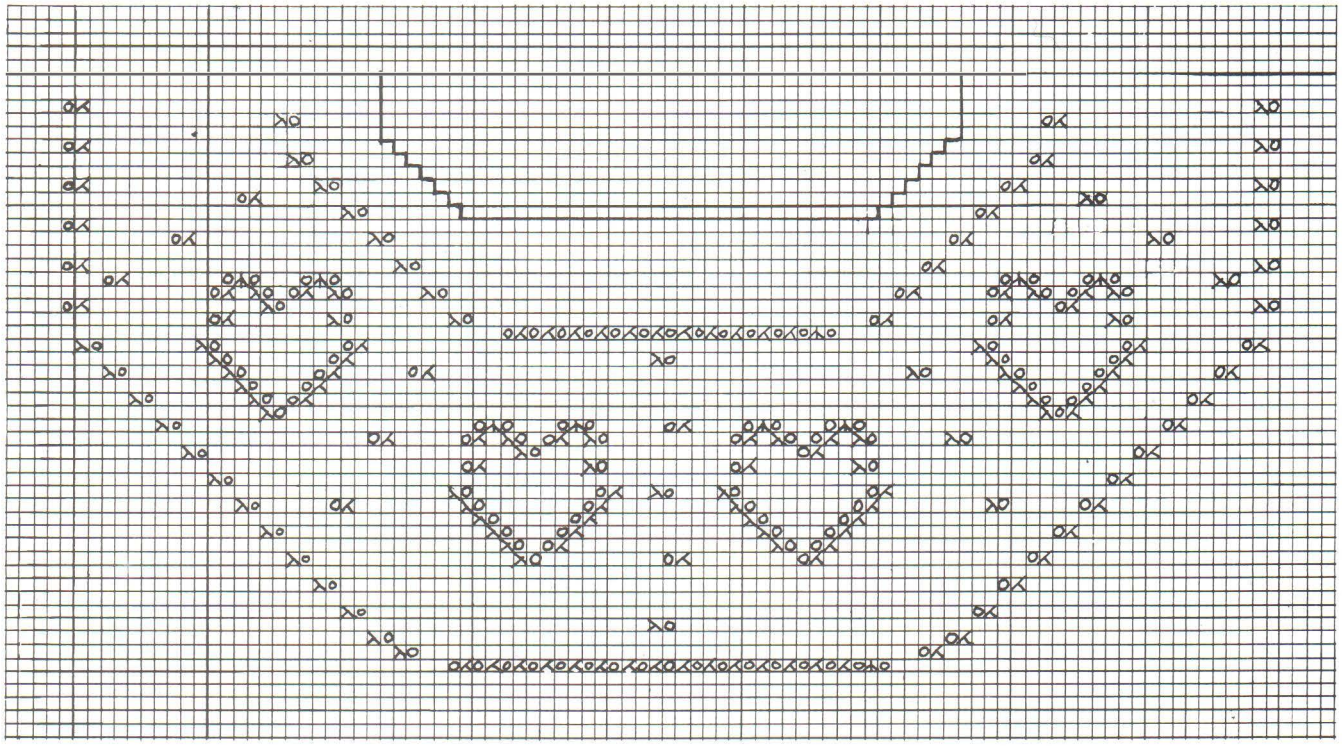
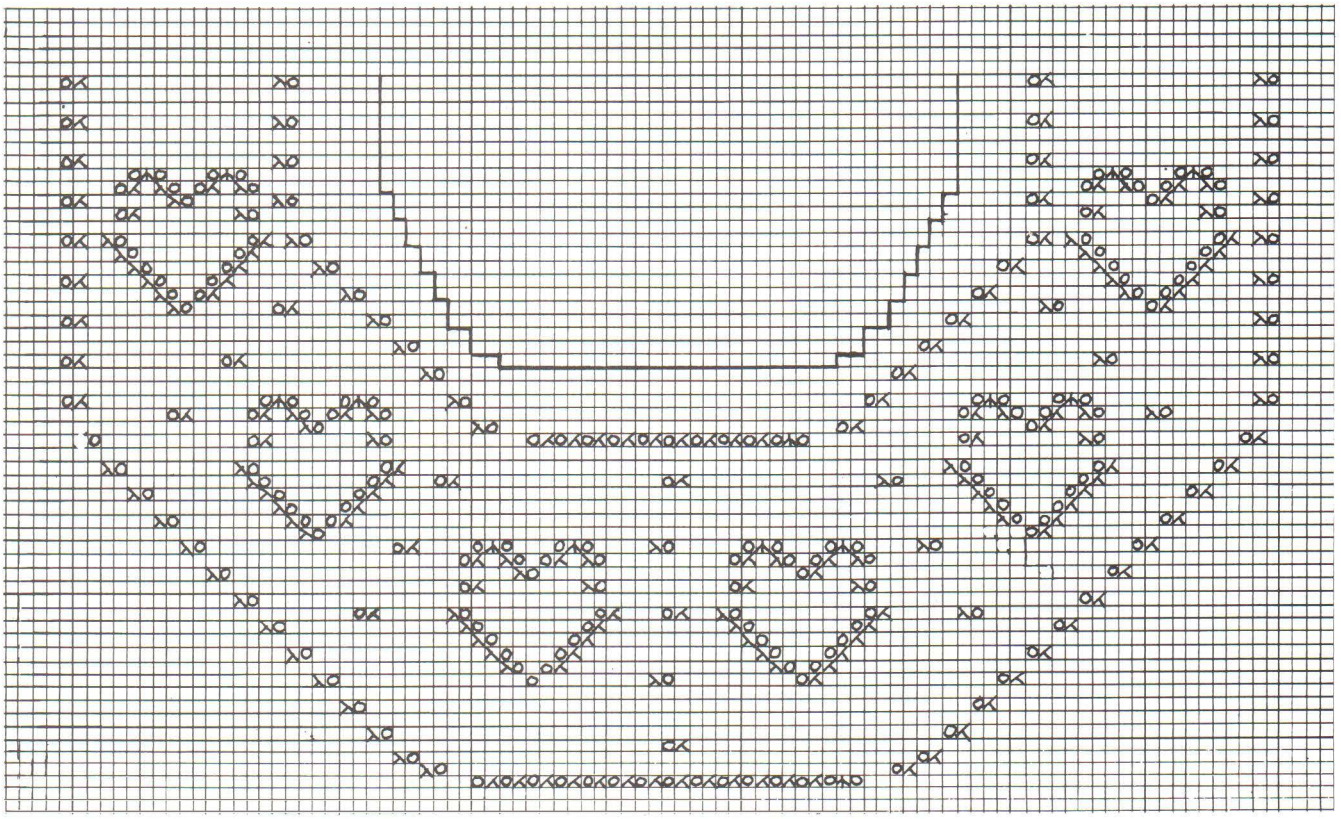
CHART A (Back)



The st at left has been transferred onto this N.
The st at right has been transferred onto this N.
The sts either side have been transferred onto this N.

CHART B (Front)



Pattern 11

TEDDY BEAR CARDIGAN

Teddy bears must be one of the most popular motifs to use on knitwear — not just for children but for adults too. Our child's cardigan uses rows of teddy bears and we've even used teddy buttons to continue the theme. However, you could also knit a single motif teddy if you prefer and perhaps tie a ribbon bow around his neck for a bit of added fun. You'll notice that we've drawn the punchcard chart (on page 62) two halves — to make matching up the fronts a simpler process. However, this means if you want to knit a single motif using this card, you'll have to position your motif cams appropriately. If you don't feel experienced enough to deal with this just yet, punch your card with the teddy in the middle instead and knit your single motif in the usual way. To make it easier to position your teddy in the middle of your punchcard, photocopy our chart and place the copy next to the original, to give you a complete teddy to work from.

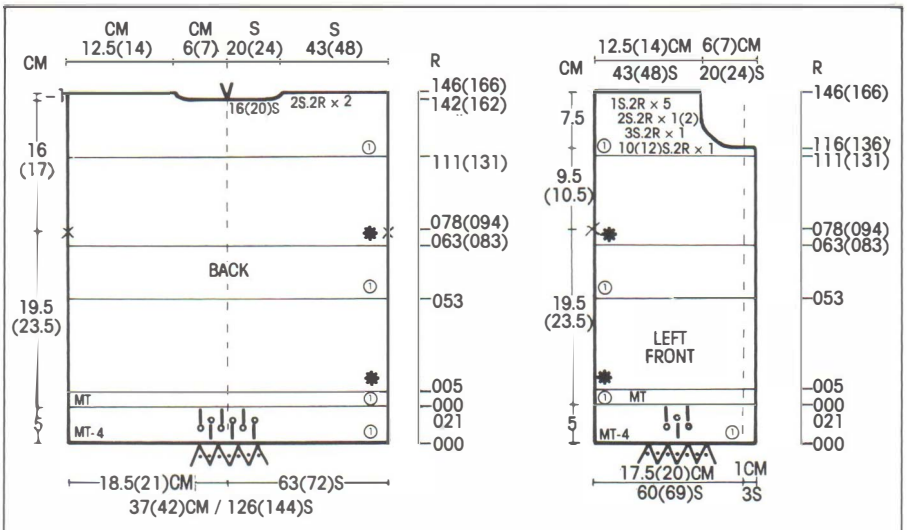
For Standard Gauge Punchcard and Electronic Machines with Ribbing Attachment. Knitted on Knitmaster's 700.

SIZES:
To fit 61-66(71-76) cms/24-26(28-30) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
King Cole Anti-tickle 4ply
Col 1 (Aran) — 1 x 500 grm cone
Col 2 (Mink Brown) — 1 x 500 grm cone
6 buttons.

TENSIONS:
Fair Isle — 34 sts and 40 rows to 10 cms. TD at approx. 7 (MT).

PATTERN NOTE:
Fair Isle — see chart. Col 1 in feeder 1 and Col 2 in feeder 2.

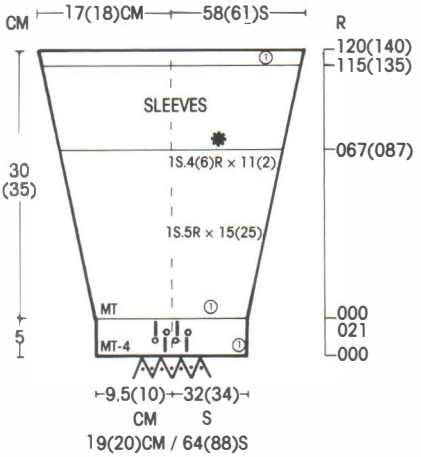


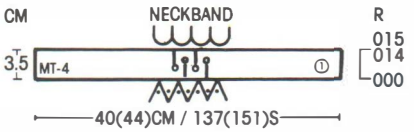
BACK:
Push 63(72) Ns at left and right of centre O to WP. 126(144) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-4, knit 21 rows. Transfer sts to knitter. RC 000. MT. Insert card and lock on row 1. Knit to Row 5. Continue in Fair Isle pattern to Row 53. Lock card on row 1. Continue in stockinet col 1. Knit to Row 63(83). Release card. Continue in Fair Isle pattern. Knit to Row 78(94). Mark both ends with waste yarn. Knit to Row 111(131). Remove card. Continue in stockinet col 1. Knit to Row 142(162).
Shape Neck
Shape as shown on diagram to Row 146(166). Cast off rem 43(48) sts. Knit left part as for right part.

LEFT FRONT:
Push 3 Ns at right and 60(69) Ns at left of centre O to WP. 63(72) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-4, knit 21 rows. Transfer sts to knitter. RC 000. MT. Insert card and lock on row 1. Set machine for single motif Fair Isle placing point cams 3 sts in at each edge. Knit to Row 5. Continue in Fair Isle pattern to Row 53. Lock card on row 1. Continue in stockinet col 1. Knit to Row 63(83). Release card. Continue in Fair Isle pattern to Row 78(94). Mark left edge with waste yarn. Knit to Row 111(131). Remove card. Continue in stockinet col 1. Knit to Row 116(136).
Shape Neck
Shape as shown on diagram. Knit to Row 146(166). Cast off rem 43(48) sts.

RIGHT FRONT:
Knit as for Left Front but in reverse.

SLEEVES:
Push 32(34) Ns at left and right of centre O to WP. 64(68) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-4, knit 21 rows. Transfer sts to knitter. RC 000. MT. Insert card and lock on row 1. Shape as shown on diagram to Row 67(87). Release card. Continue in Fair Isle pattern and continue to shape sleeve to Row 115(135). Remove card. Continue in stockinet col 1 and continue to shape to Row 120(140). 116(122) sts. Mark centre with waste yarn. Cast off.





NECKBAND
Arrange 137(151) Ns for 1 x 1 rib. Using col 1, cast on. RC 000. MT-4, knit 14 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

Continued on page 62

Pattern 11

Pattern 12

MAN'S GREY AND BLACK FAIR ISLE SWEATER

This beautiful sweater in luxurious Alpaca yarn comes in a terrific range of sizes. This is one case when smaller size women will miss out while the often neglected larger ladies can maximise on this wonderful design.

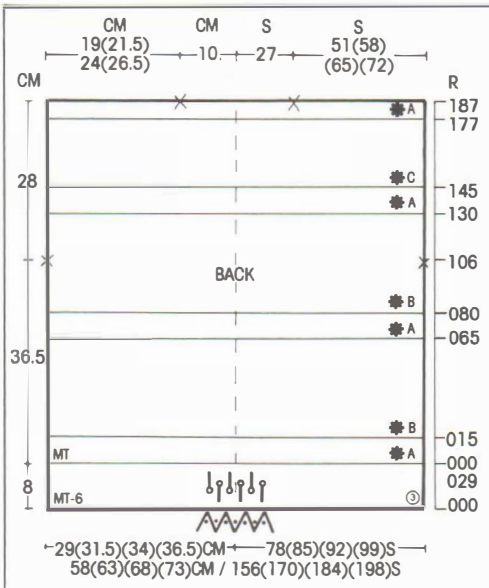
For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.
Knitted on Knitmaster's 700.

SIZES:
To fit 96-101(106-112)(117-122)(127-132) cms/ 38-40(42-44)(46-48)(50-52) inch chest.

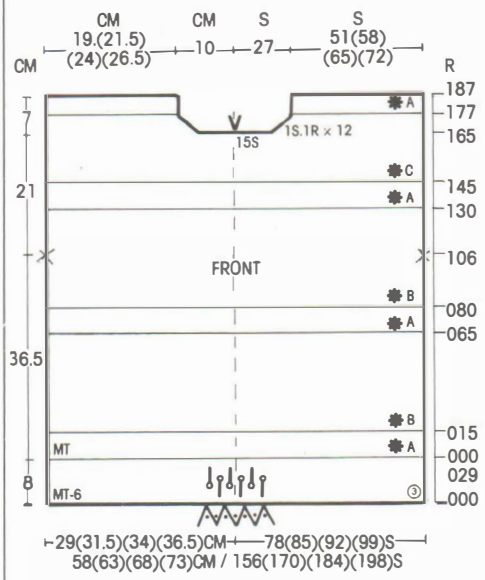
APPROXIMATE YARN TYPES AND AMOUNTS:
King Cole Alpaca
Col 1 (Silver Fox 19) — 1 x 400 grm cone
Col 2 (Koala 16) — 1 x 400 grm cone
Col 3 (Grizzly 30) — 1 x 400 grm cone

TENSIONS:
Fair Isle — 27 sts and 29 rows to 10 cms.
TD at approx. 10 (MT)

PATTERN NOTE:
Fair Isle Patterns A, B & C — see charts.
Pattern A
Col 3 in feeder 1 only, knit 1 row.
Col 2 in feeder 1, Col 3 in feeder 2, knit 13 rows.
Col 3 in feeder 1 only, knit 1 row.
Pattern B
*Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 14 rows*.
Rept the last 16 rows from *to* twice more.
Col 1 in feeder 1 only, knit 2 rows.
Pattern C
*Col 1 in feeder 1 only, knit 2 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 8 rows*.
Rept the last 10 rows from *to* twice more.
Col 1 in feeder 1 only, knit 2 rows.



BACK:
Push 78(85)(92)(99) Ns at left and right of centre O to WP. 156(170)(184)(198) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 3, cast on. RC 000. MT-6, knit 29 rows. Transfer sts to knitter.
RC 000. MT. Continue in Pattern A, knit 15 rows. Continue in Pattern B, knit to Row 65. Insert card A into machine back to front. Continue in Pattern A, knit to Row 80. Continue in Pattern B, knit to Row 106. Mark both ends with waste yarn. Knit to Row 130. Insert card A right way round. Continue in Pattern A, knit to Row 145. Continue in Pattern C, knit to Row 177. Insert card A back to front. Continue in Pattern A, knit to Row 187. Mark the 27th st at left and right of centre O with waste yarn. Cast off loosely.



FRONT:
Knit as for Back to Row 165.
Shape Neck
Note pos in pattern. Shape as shown on diagram to Row 177. Insert card A back to front. Continue in Pattern A, knit to Row 187. Cast off rem 51(48)(65)(72) sts. Keeping pattern correct, knit right part as for left part.

SLEEVES:
Push 38 Ns at left and right of centre O to WP. 76 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 3, cast on. RC 000. MT-6, knit 29 rows. Transfer sts to knitter. RC 000. MT. Shape as shown on diagram, AT THE SAME TIME continue in pattern C to Row 12(12)(22)(22). Insert card A right way round. Continue in Pattern A to Row 27(27)(37)(37). Continue in Pattern B to Row 77(77)(87)(87). Insert card A back to front. Continue in Pattern A to Row 92(92)(102)(102). Continue in Pattern C to Row 124(124)(134)(134). 152 sts. Mark centre with waste yarn. Cast off.

Continued on page 62

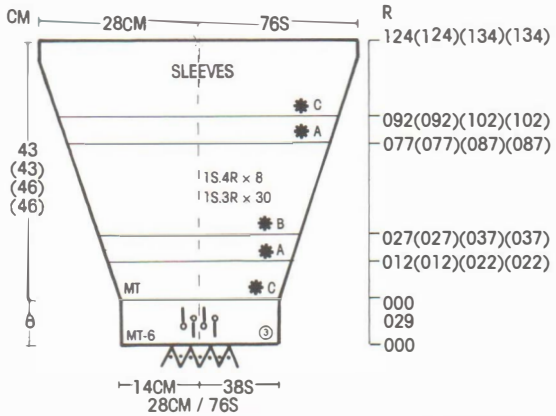
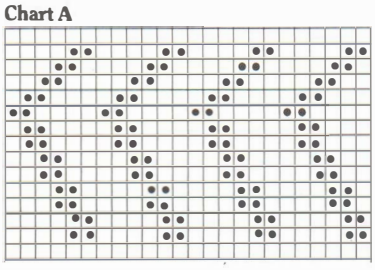


Chart A



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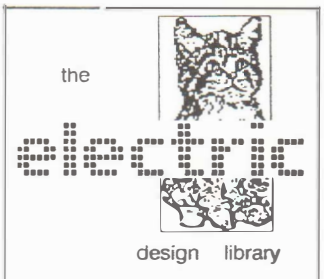

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BROTHER 800 series punchcard machine with additional lace carriage, table, punchcards, instruction books and tools. Very little used, as new, £220 ono. Tel: (0323) 769257 (E Sussex).

KNITMASTER Zippy DeLuxe with SRP60N ribber, £360 ono. 10 months old, used twice. Intarsia carriage, motif cams, never used, still boxed, £28. Will sell separately. Tel: (0772) 728364 (Preston).

KNITMASTER Zippy DeLuxe punchcard, £185 ono. SRP60N ribber, £175 ono. Both 10 months old. YC6 colour changer, never used, boxed, £105. Tel: (0772) 727649 (Preston).

PASSAP Duo 80 4-colour, deco, forma, U80, punch, hardly used, £450. Jones 830 punchcard, ribber, lace, excellent condition, £275 or exchange Jones 950i + ribber. Tel: (0827) 872353 (Nr Birmingham).

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PASSAP (Pink), deco, 4-colour changer, form computer, U70, punchcards and punch, some books, vgc, stand with tool tray included, have bought Passap 6000, £395. Tel: (0309) 74164 (Forres).

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TOYOTA 901, tilt stand, ribber, £200. Brother KH836, £150. Brother garter carriage KG88 MkII, £150. Both hardly used. Tel: (0285) 651648 (Cirencester).

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JONES 230 ribber, hardly used because will not fit 260 machine, £130. Tel: 01-692 5660 (Brockley).

KNITTING machine cabinet and bench, excellent condition, £95. Tel: (0324) 812018 (Denny, Stirlingshire).

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KNITMASTER 560 electronic, lace carriage, ribber, linker, intarsia carriage, YC6 colour changer, £650. Also Passap Duomatic (Pink) with 4-colour changer, £150. Tel: (0582) 480933 (Bedfordshire).

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HAGUE Linker, hand model, £150; Brother colour changer for Brother 4ply and chunky d/bed machine and 4-colour mast, £60. Tel: (0704) 42835 (Southport).

TOYOTA 950 knitting machine, multi-purpose carriage, lace, single motif, latest model with ribber and tilt table, boxed, still under guarantee, £395. Tel: (0384) 77634 (Brierley Hill).

BROTHER 260, ribber, intarsia carriage, table, £450; Also Singer 2310 electronic double bed, tapes, books, £275. Tel: (0533) 856041 (Leicester).

TOYOTA 787 with ribber, simulknit, knit tracer, table, patterns, wool, punchcard and many extras, £200. Tel: (0344) 428237 (Bracknell).

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FOR SALE

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SELL/EXCHANGE Knitmaster electronic SK560, £500; SRP50 ribber, £150; PX for Passap Duomatic 80 with motor, or machine for motor or Brother 260 plus ribber. Tel: (0258) 880926 (Dorset).

PFAFF Duomatic 80, 4-colour changer, £550; Brother 395X convertible, 3 months old, £125. Tel: (0492) 47409 (Colwyn Bay).

BROTHER KH830 with punchcards, books and lace carriage, £100; Also KHC 820A colour changer, unused, £50. Tel: (0793) 812984 (Swindon).

JONES 840 with lace carriage, extra punchcards, wool winder, vgc, £190. Full set Machine Knitting World, £10. Tel: (0793) 770456 (Swindon).

KNITMASTER 360KL, SRP50 ribber, built-in radar, lace carriage, table, card punch, dozens of punchcards, magazines, books, all manuals, vgc, £430 ono. Tel: (0532) 560721 (Leeds).

KNITMASTER 700, masterglice, punchard machine, knitradar, intarsia, used once, £295; Also lace carriage, new, £95. Tel: (0225) 702035 (Melksham).

KNITMASTER YC6 double and single bed colour changer, £100. Radar KR-6 half scale, £30. Tel: 01-350 0737 (Battersea).

PASSAP (R) Duomatic 609524, instruction book and patterns, £30, or reasonable offer. Space needed. Tel: (0453) 542956 (Cam, Glos).

ANN Kites machine knitting video, £15. Really does teach you how to use your machine. No.1. L. Smith, 186 Fern Hill, Harlow, Essex.

BROTHER 910 MkII electronic knitting machine. Excellent condition + free wool, £385 ono. Tel: 01-449 5444 (Barnet).

KNITMASTER 700, knitradar, punchcards, manuals, intarsia, punch, lace, hardly used. Bargain, £225. Tel: 01-641 2924 (North Cheam).

PASSAP Duomatic 80, 4-colour changer, deco, forma, heavy duty motor, model books and patterns, £700 ono. Tel: (087 387) 660 (Hereford).

KNITMASTER Fineknit 270 punchcard, new. Bought wrong machine as present for beginner who wanted standard gauge. Lovely machine, boxed. Bargain, £200. Tel: (0706) 68423 (Heywood).

PASSAP Duomatic 80. Many extras including patterns, books, audio tapes, wool and transfer lock, never been used due to lack of tuition, £700 as new. Tel: (0689) 24290 (Orpington).

TOYOTA 858 punchcard knitting machine, instruction books and lace carriage, extra punchcards, £90. Tel: 01-807 1294 (London).

BROTHER 710, excellent condition, £100; Singer Memomatic with ribber, knitcopy, £400. Bookings for knitwear parties taken, generous commission. Will exchange Singer machine for Brother 881. Tel: (0493) 700375 (Norwich).

BROTHER KH860 complete with books, punchcards, lace carriage etc, £200; Brother KA82109 intarsia carriage, used once, £20. Tel: (0737) 246499 (Reigate).

PASSAP Duomatic 80, 4-colour, deco, form computer, U80 lace/transfer lock, stand, instruction books, all as new, £650. Tel: (0494) 815074 (Bucks).

HEAVY duty Passap Electra motor. Can now also be used with 6000E, as new, £450. Buyer to collect. Tel: (0494) 815074 (Bucks).

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BRAND new Knitmaster Zippy DeLuxe with lace carriage, punchcards, instruction book, £360. Tel: (0245) 321987 (Essex).

KNITMASTER S60 electronic lace carriage, £50; Knitmaster 370 fine gauge machine, ribber and lace carriage, as new, £250. Tel: (0742) 398899 (Sheffield).

TOYOTA 858 with lace and intarsia carriages, punchcards, instruction books and tilt table, tuition available if local, £200 ono. Hardly used, excellent condition. Tel: (0604) 758499 (Northampton).

KNITMASTER Electronic SK560, ribber, lace carriage, built-in knitradar, tuition tapes, deknit, carrying case etc. Excellent condition, £650. Will separate. Also Bond, £55. Tel: (0258) 880926 (Dorchester).

TOYOTA 950 + ribber, tracer, tilt table, as new, boxed, room needed owing to move. Bargain, £400. Tel: 01-859 2872 after 6pm (Eltham).

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SINGER Supera BA electronic double bed machine with motor, selection box and table, knits true fairisle, very good condition, £299 or exchange for Toyota 506 ribber plus £150. Tel: 021-478 1826 (Birmingham).

PASSAP Duomatic 5, including 4-colour changer, deco punchcard system, form computer, all instruction books, accessories and stand. Very carefully maintained, beautiful knitter, £350. Tel: (0323) 500304 (Eastbourne).

KNITMASTER Knitradar KR7, used once only, £60. Tel: (0480) 450899 (Huntingdon).

BOND Classic knitting machine with ribber, books, accessories, knitting kit, little used, vgc, £130 ono. Tel: 091-389 2912 (Durham).

KNITMASTER 360K, lace carriage, recently serviced, £250; Brother 230 chunky plus ribber, £200. Tel: (0524) 735095 (Carnforth).

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PASSAP Duo 80, 4-colour changer, immaculate condition, one year old, £450; M75B motor, countdown, yarn break, one year old, £450. Will separate — going electronic. Tel: (0273) 604176 (Brighton).

BROTHER 910 electronic, lace carriage, ribber, knitleader, table, intarsia carriage, wool winder, cone winder, approx 300 books, loads yarn, sold as lot, £700. Tel: (0206) 223908 (Essex).

BROTHER 230 chunky plus table, as new, £140; Hague linker plus needle guard, £125. Tel: (0206-22) 3908 (Essex).

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BROTHER KH840 punchcard knitting machine with lace carriage, knits lace, tuck stitch, fair isle, intarsia, excellent condition, £120. Tel: (0294) 822668 (West Kilbride).

BROTHER KH230 chunky machine, as new, still boxed, £130. Tel: (0903) 46024 (Worthing).

KNITMASTER 700K, built-in knitradar, intarsia. New and complete with accessories, punchcards and instructions, boxed, some yarn included, £250. Tel: (0742) 367687 evenings (South Yorks).

PASSAP Duomatic 80. New, deco 4-colour changer, instruction tapes, U70, many pattern books, manuals. Reason for sale, £680. Tel: (0920) 463767 (Herts).

KNITMASTER 700, including table, good condition, £225. Tel: (0494) 778815 (Chesham, Bucks).

BROTHER 260 chunky machine with knitleader, punchcards etc, as new, hardly used, £275 Bargain. Tel: 01-398 0282 (Esher).

BROTHER 881, lace carriage, built-in charting device, £250; Also Brother ribber 830, £140. Reason for sale, gone electronic. Tel: (080 45) 4825 (Brixham).

BROTHER 230 chunky knitting machine with ribber, table, pattern books + wool/mohair, as new, £300. Tel: Langley Mill 719080.

KNITMASTER 600 with lace carriage, £300. Tel: 091-286 2965 (Newcastle-upon-Tyne).

KNITMASTER 323, punchcard, radar, ribber, many extras, £280. Tel: (0372) 63763 (Esher).

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DUOMATIC 80, 4-colour changer, deco U80, form computer, card punch, wool winder, £500. Tel: Sheffield 846429.

SUPERBA double bed in first class order with electronics and transfer carriage, £165; Knitmaster 323, vgc, £90; Knitmaster 120 chunky, vgc, £80; Toyota radar, £35. Tel: (0302) 852519 (Doncaster).

KNITMASTER 360L, built-in knit radar + books etc, £225. Tel: (0452) 616395 (Gloucester).

CLASSIC Bond, extended ribber, grabbers, counter. Ribber, never used. Books, patterns, used twice, good value at £120 ono. Tel: (02572) 72098 (Chorley).

JONES knitting machine 585. Also ribber and table. This machine has lace carriage, all for £110. Tel: (0767) 82192 (Sandy).

FOR use on Passap JAC 40. Twenty-five prepunched punchcards. All unused, £25 including postage. Mary Weaver "Japanese for mahcine knitters, £. Tel: (0494) 815074 (Bucks).

SINGER KE2400 Memomatic knitting machine, lace carriage, punch, instruction books, £50. Tel: (0905) 56915 (Worcester).

PASSAP Duomatic 80 with deco and U70, 2-colours, £400 ono. Tel: (0442) 58066 evenings (Herts).

AUTOMATIC Linker SC1. Suitable for Knitmaster 321 and 500, excellent condition, £25 ono. Tel: 01-647 2184 (Wallington).

BROTHER garter carriage KG88, MkII, reasonable please, South Wales area. Tel: (0443) 405743 (Mid Glam).

SINGER Memo II computerised electronic knitting machine with instruction tapes and books in excellent condition, complete with table only, £350 ono. Tel: 01-870 3320 (London).

NEW model Toyota KS950 including KR501 ribber. Virtually unused, still boxed. Less than half new price, £340. Tel: (0323) 24017 (Eastbourne).

BROTHER 260 chunky and ribber, as new, only used twice, £425. Tel: (0483) 505297 (Guildford).

BROTHER 881 punchcard, knitleader, puncher, £195; also Brother 830 punchcard, puncher, £165; Mother and daughter going electronic. Tel: (0782) 563741 (Staffs).

KNITMASTER 360KL with lace carriage, knit radar, ribber, extra punchcards, £375. Tel: (0532) 631614 (Leeds).

NEW Toyota KS858 knitting machine with lace carriage, puynchcards, tuition course, £240 ono. Toyota colour changer, never used, £60. Tel: (0252) 835293 (Surrey).

BROTHER KH840 knitting machine with lace carriage, accessories, punchcards, as new, £260. Would exchange for Singer 2331 or 2310. Tel: (0252) 835293 (Surrey/Hants).

SINGER Electronic 2310, motor drive, instruction tapes, books, winder, transfer carriage, form computer, £800; Horn cabinet 1201, £250 for above. Tel: (02406) 5613 (Gr Missenden).

KNITMASTER 360KL plus accessories, good condition, £260; Knitmaster 155 professional chunky, used once, £300; Knitmaster Zippy 90, used, £80; Bond, hardly used, £50. Tel: 01-853 5038 (London).

KNITMASTER SC1 linker, £20. Tel: (0908) 644373 (Bucks).

TOYOTA Knit-tracer with instructions. Good condition, £35. Tel: (0485) 766819 (Woking).

KNITMASTER 560 electronic with built-in radar, lace carriage, £395. Tel: (0903) 68431 (Worthing).

GARTER bar for chunky Knitmaster 120, never been used, £22; Jones/Brother linker carriage 8310, £25 — Garter Bar wanted: Standard. Tel: (0602) 631031 (Nottingham).

BROTHER KH260 chunky knitler, KH230 ribber, knitleader, table etc, never used, £450 ono. Tel: (0255) 820817 (Clacton).

BROTHER KH230 chunky machine with built-in intarsia. Excellent condition, used 4 times, £160 ono. Tel: (0747) 822154 evenings (North Dorset).

BROTHER KL116 knitleader, used once, two pattern packs and book, £65; Simple Frame 96, new with patterns and stocking stitch bar, extras, £60. Tel: Bournemouth 532113.

KNITMASTER 360L, SRP50 ribber, lace carriage, £300. Tel: (0225) 424227 (Bath).

SINGER Freestyle double bed electronic, with transfer carriage, table, mags, anglepoise lamp and several cones wool, £575. 18 mnths old. Tel: (0785) 40369 (Stafford).

BROTHER Kh260 chunky machine, KR260 ribber, intarsia. All very good condition. Reason for sale — prefer standard machine, £525; Knitleader KL116, £75, never used. Tel: (0656) 768162 (Bridgend).

KNITMASTER 305 with pattern cards, £70. Good working condition. Tel: (0494) 775490 (Chesham).

BROTHER Electronic 910 MkII with lace carriage and intarsia carriage, £395. Tel: 01-554 5443 (Ilford).

BERNINA 1130 feet. Knit/overlock, shell hemmer, straight stitch, narrow hemmer, pintuck, mostly unused, only £5 each. Tel: 021-554 5062 (Birmingham).

KNITMASTER Zippy 90, as new, £85; Also Singer KE2400 punchcard, excellent condition, £100 and intarsia yarn brake, £12.50. Tel: Dorchester 64321.

BROTHER Chunky KH230 with ribber, vgc, hardly used because learning Passap. Tel: (0923) 225014 (Watford).

HAGUE Linker, very good condition, number strip, £100. Tel: (0923) 39472 (Watford).

ZIPPY DeLuxe standard gauge punchcard machine, vgc + intarsia AG20, automatic linker SC3 carriages (both unused) and Ann Kite Video, £235. Tel: 01-573 5615 (Hayes).

KNITMASTER 360KL with ribber, built-in radar and table, lace carriage. All in very good condition, £395 ono. Tel: (092575) 2572 (Cheshire).

KNITMASTER Chunky Mod 155 punchcard, tuck, fair isle, lace. Unwanted present, new, table. Cost £389 — £295 ono. Tel: (0366) 382309 (Downham Market).

BOND ribber, excellent condition, £50; Brother double bed colour changer, hardly used, £45. Tel: (0786) 64182 evenings (Stirling).

KNITMASTER 4-branch tension rod unit, £12. Tel: (0895) 637778 (Middlesex).

BROTHER KH710 including lace carriage, good condition, excellent machine. Ideal for beginner, £95 ono. Tel: (0203) 711213 (Coventry).

KEYTO mahogany table and bench, £110. Tel: (0922) 25929 (Walsall).

BROTHER KH710 with instruction manual and tuition book, very little used, £80. Tel: (0371) 872566 (Dunmow).

BROTHER KH710 with lace carriage. Knits fair isle and tuck stitch, £65. Tel: 01-540 7349 (London).

DUO 80, 4-colour changer, deco, plus U100 and extras, £375; Brother 830, lace carriage, table, plus extras, £160; Changer, new, £45. Tel: 061-747 8253 (Manchester).

TOYOTA 787 with ribber, simulknit, lace carriage, knit-tracer. New condition, £250. Tel: (0332) 512243 (Derby).

BROTHER Electronic 910 MkII, excellent condition, £375; Brother chunky 230 + ribber, £250. Tel: 051-648 4132 (Merseyside).

KNITMASTER 700, punchcards, radar, table etc, ribber SRP60N. Both as new bargain £400 ono. Tel: (0773) 747397 (Ripley).

BROTHER KH710 with lace carriage, knits fair isle and tuck patterns, £75 ono. Tel: (0582) 592193 (Luton).

BROTHER KH710 with lace carriage, knits fair isle, tuck patterns, good condition. Reason for sale — updated machine, £90 ono. Tel: (0767) 40124 evenings (Biggleswade).

KNITMASTER 150 chunky machine, built-in intarsia, book and tuition tapes, £120. Tel: (0538) 702398 (Stoke-on-Trent area).

BROTHER KH710, good condition with lace carriage. Includes fair isle and tuck stitch, instruction books included, £100 ono. Tel: Blackpool 736665 (St. Annes).

KNITMASTER 360, built-in knit radar, punchcards, instruction books and tapes, vgc, £225. Tel: (0752) 335833 (Plymouth).

KNITMASTER 360KL, SRP50 ribber, books, punchcards, radar (built-in), lace carriage, £450. Reason for sale — going electronic. Tel: (0480) 454836 (Huntingdon).

SINGER knitting machine with instruction tapes and book. Never used, unwanted gift. Cost £750, will accept £500 ono. Tel: (0463) 792244 (Inverness).

PASSAP Duomatic 5, heavy duty motor, deco, 4-colour changer, form computer, punch, U70, £475 delivery possible. Tel: (0843) 61456 (Broadstairs).

BOND knitting machine, only six months old, hardly used, with extras £75 ono. Tel: (0242) 525373 evenings (Cheltenham).

TOYOTA KS901, ribber, knit tracer, lace, intarsia carriages, plaiting unit, table, instruction books, punchcards, excellent condition. All boxed, £390 will separate. Tel: (0279) 34091 (Harlow).

KNITMASTER/JONES power drive with table, £250; Singer power drive, £100; 18" dial electric linker, £200; 5 gauge hand flat with autocam and stripper, £850. Tel: (0332) 763199 (Derby).

KNITMASTER lace carriage, extra punchcards for all models except electronic, £85 inc P&P. Tel: (0535) 33595 (Yorkshire).

BROTHER convertible, only used four times, knits from 4ply to chunky, £90 ono. Tel: (0268) 284861 (Basildon).

SINGER punchcard, fair isle, lace etc. All instructions, patterns, p/cards, accessories, £125 ono. Tel: (0424) 442465 (Hastings).

POWER knit motor suitable Knitmaster, Jones, Toyota machines. As new, £450; Hague linker, £150, as new. Tel: Winchester 881064.

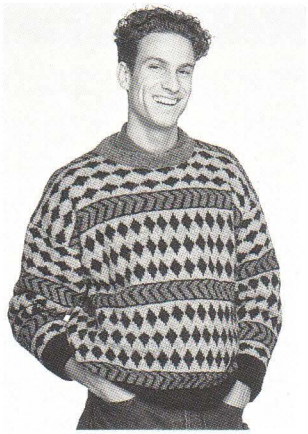
KNITMASTER 700K, lace carriage LC2, ribber SRP60, all hardly used. YC6 colour changer, never used, £550. Will separate. Tel: (04868) 4559 (Godalming).

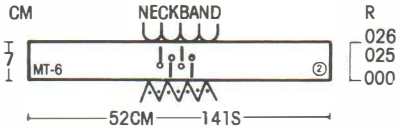
POWERKNIT motor with steel table and row countdown for chunky machine, £395. Excellent condition. Tel: (049-525) 2264 (Tredegar).

KNITMASTER ribber SRP20 with all accessories, £100. Tel: (0564) 773192 (Solihull).

BROTHER KH230 with ribber, £250; Knitmaster LC2 lace carriage, extra patterns, £100. Tel: (070682) 6261 (Ramsbottom).

Pattern 12 *continued*





NECKBAND:
Arrange 141 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-6, knit 25 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch neckband into pos and join centre back neck seam. Fold in half and catch down on the inside. Give final light steam.

Chart C

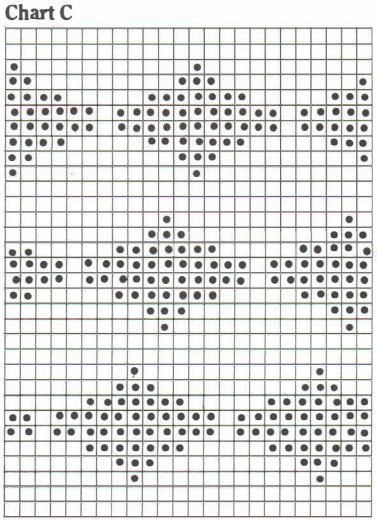
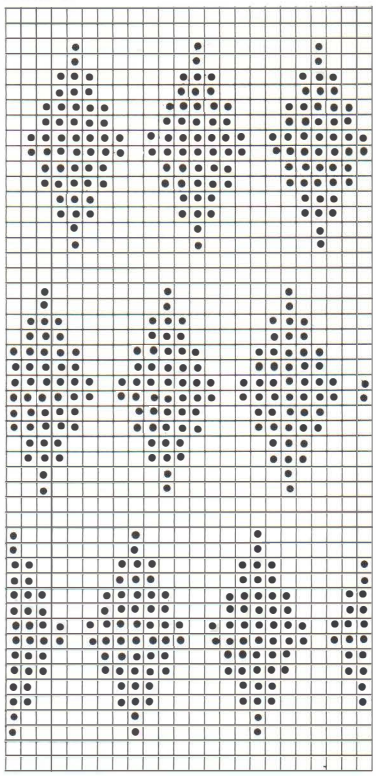
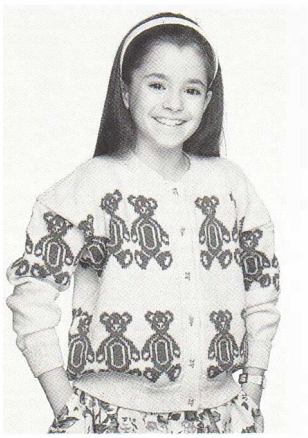


Chart B



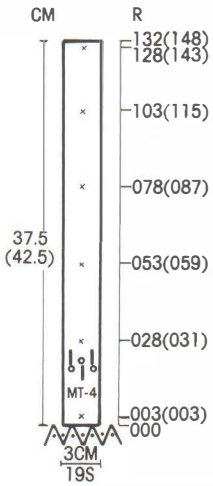
Pattern 11 *continued*

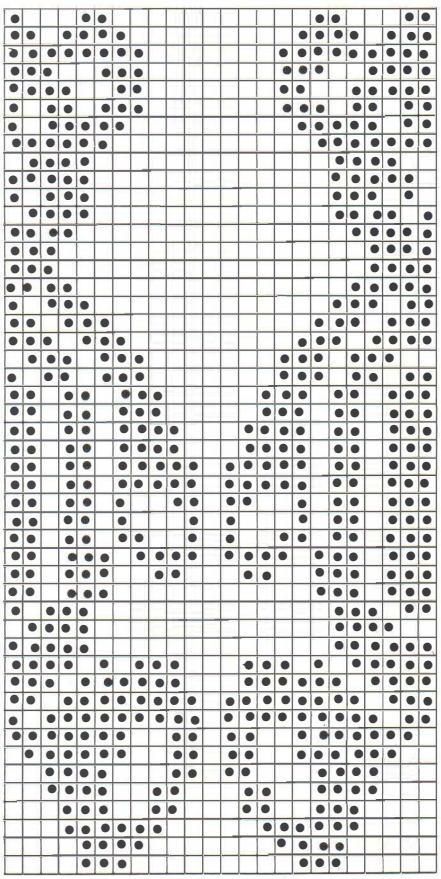


BUTTONHOLE BAND:
Arrange 19 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit to Row 132(148) making buttonholes over centre 3 Ns on rows shown on diagram. Cast off.

BUTTON BAND:
Knit as for Buttonhole Band but omit buttonholes.

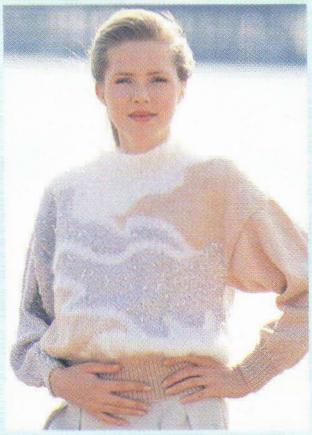
TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch neckband into pos. Sew front bands into pos. Finish buttonholes and sew on buttons to correspond. Give final light steam.





Modern Machine Knitting

COMING NEXT MONTH



FASHION FORECAST

Find out what you should be wearing for Spring/ Summer 1990. Our Fashion Forecast next month will give you all the advance information.

DIVIDING FOR THE NECK WHEN PATTERNING

Next month we talk you step by step through resetting your machine to knit the second shoulder, after dividing for the neck shaping — a process which we know many of you find confusing when you're knitting in pattern using a punchcard or electronic mylar sheet.

PLUS

All our regular features, hints, tips, techniques and advice — and lots more beautiful designs and patterns for the whole family.

The May issue of Modern Machine Knitting will be in your shops on April 12th. Make sure you don't miss it.

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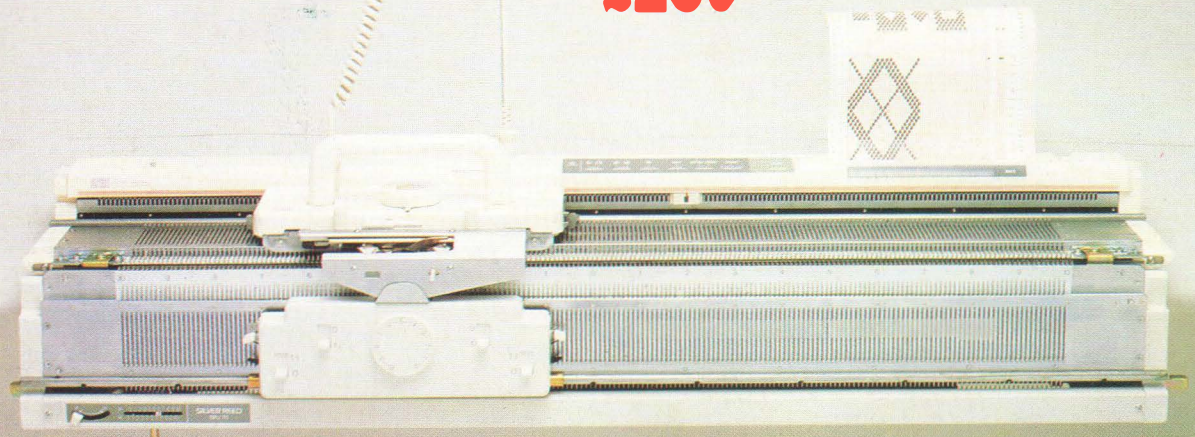

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